Express Mail Label No.: EV 07-4978536 US

JUN 0 5 2002 55

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ICANTS:

Tcherney, et al.

SERIAL NUMBER:

10/072,012

EXAMINER:

Not Yet Assigned

RECEIVED

FILING DATE:

February 8, 2002

ART UNIT:

1632

JUN 1 0 2002

FOR:

Proteins and Nucleic Acids Encoding Same

TEUR UENTER 1600/2900

BOX IDS

Commissioner for Patents Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is believed required.

A copy of each of the references in the above-identified application is enclosed unless otherwise indicated on the attached modified Form PTO-1449. It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist: (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANTS: U.S.S.N.:

Tcherney, 6 10/072,012 JUN 0 5 2002 ST

RECEIVED

JUN 1 0 2007

TECH CENTER 1600/2900

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 21402-258.

Respectfully submitted,

Ivor R. Elrifi, Reg. No. 39,529

Attorney for Applicants

MINTZ, LEVIN, COHN, FERRIS,

GLOVSKY and POPEO, P.C. One Financial Center

Boston, Massachusetts 02111

Tel: (617) 542-6000 Fax: (617) 542-2241

Dated: June 5, 2002

TRA 1675989vI



Page 1 of 32

TECH CENTER 1600/2900

Please spee a plus sign (+) in this box JUN 0 5 2002 5

PTO SB (12-97)

Approved for use through 9/30/00 OMB 0651-0031

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Modified Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| Application Number | 10/072,012 |
|------------------------|------------------|
| Filing Date | 02/08/2002 |
| First Named Inventor | Tchernev |
| Group Art Unit | 1632 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 21402-258 |

| | U.S. PATENT DOCUMENTS | | | | | | |
|------------------|-----------------------|-----------------------------|------------|-------------------------------------|-------|--------------|-------------------------------|
| Exam Initials | Cite No. | U.S. Patent Document No. | Issue Date | Name of Patentee(s) or Applicant(s) | Class | Sub Class | Filing Date If Appropriate |
| | | | | | | | |
| | | | | FOREIGN PATENT DOCUMENTS | | | |

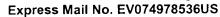
| | FOREIGN PATENT DOCUMENTS | | | | | | |
|------------------|--------------------------|----|------------------------------|---|------------------------|-----------------------|--|
| Exam Initials | | | gn Patent Document Number | Name of Patentee(s) or Applicant(s) | Date of Publication | Translation (es No | |
| | B1 | wo | 01/12660 | Sagami Chemical Research Center | Feb. 22, 2001 | | |
| | B2 | wo | 01/49728 | Centre National de la Recerche Scientifique | Dec. 29, 1999 | | |
| _ | В3 | wo | 99/67282 | Protegene, Inc. | July 12, 2001 | | |
| | B4 | wo | 87/07472 | Cold Spring Harbor Laboratory | Dec. 17, 1987 | | |

| | | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |
|------------------|-------------|---|
| Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| | C1 | Abbott, C. A., D. M. Yu, et al. (2000). "Cloning, expression and chromosomal localization of a novel human dipeptidyl peptidase (DPP) IV homolog, DPP8." Eur J Biochem 267(20): 6140-50 |
| | C2 | Akbar, G. K., V. R. Dasari, et al. (1996). "Molecular cloning of a novel P2 purinoceptor from human erythroleukemia cells." J Biol Chem 271(31): 18363-7. |
| | С3 | Alexander, M., G. Curtis, et al. (1985). "Insulin regulation of protein biosynthesis in differentiated 3T3 adipocytes. Regulation of glyceraldehyde-3-phosphate dehydrogenase." J Biol Chem 260(22): 11978-85. |
| | C4 | Amado, M., R. Almeida, et al. (1998). "A family of human beta3-galactosyltransferases. Characterization of four members of a UDP-galactose:beta-N-acetyl-glucosamine/beta-nacetyl-galactosamine beta-1,3-galactosyltransferase family." J Biol Chem 273(21): 12770-8. |
| | C5 | Antoniadi, T., K. Gronskov, et al. (2000). "Mutation analysis of the GJB2 (connexin 26) gene by DGGE in Greek patients with sensorineural deafness." Hum Mutat 16(1): 7-12. |
| | C6 | Babic, I., A. Schallhorn, et al. (2000). "SHPS-1 induces aggregation of Ba/F3 pro-B cells via an interaction with CD47." J Immunol 164(7): 3652-8. |
| | C7 | Bailly, S., F. S. di Giovine, et al. (1993). "Polymorphic tandem repeat region in interleukin-1 alpha intron 6." Hum Genet 91(1): 85-6. |
| | C8 | Ben-Arie, N., D. Lancet, et al. (1994). "Olfactory receptor gene cluster on human chromosome 17: possible duplication of an ancestral receptor repertoire." Hum Mol Genet 3(2): 229-35. |
| | C.9 | Brennan, K., M. Baylies, et al. (1999). "Repression by Notch is required before Wingless signalling during muscle progenitor cell development in Drosophila." Curr Biol 9(13): 707-10. |
| | C10 | Buck, L. and R. Axel (1991). "A novel multigene family may encode odorant receptors: a molecular basis for odor recognition." Cell 65(1): 175-87. |
| | C11 | Bueno, O. F., L. J. De Windt, et al. (2001). "The dual-specificity phosphatase MKP-1 limits the cardiac |

Express Mail No. EV074978536US

Pate of Deposit: June 5, 2002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Cite No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. hypertrophic response in vitro and in vivo." Circ Res 88(1) 88-96. Carrasquillo, M. M., J. Zlotogora, et al. (1997). "Two different connexin 26 mutations in an inbred kindred segregating non-syndromic recessive deafness: implications for genetic studies in isolated populations." Hum Mol Genet 6(12): 2163-72. C13 Chen, X. S., J. R. Sheller, et al. (1994). "Role of leukotrienes revealed by targeted disruption of the 5lipoxygenase gene." Nature 372(6502): 179-82. C14 Cheng, H. F., M. J. Jiang, et al. (1995). "Cloning and identification of amino acid residues of human phospholipase C delta 1 essential for catalysis." J Biol Chem 270(10): 5495-505. Chilosi, M., F. Adami, et al. (1999). "CD138/syndecan-1: a useful immunohistochemical marker of C 15 normal and neoplastic plasma cells on routine trephine bone marrow biopsies." Mod Pathol 12(12): 1101-6. C16 Collart, F. R. and E. Huberman (1988). "Cloning and sequence analysis of the human and Chinese hamster inosine-5'-monophosphate dehydrogenase cDNAs." J Biol Chem 263(30): 15769-72. C17 Cox, A., N. J. Camp, et al. (1998). "An analysis of linkage disequilibrium in the interleukin-1 gene cluster, using a novel grouping method for multiallelic markers." Am J Hum Genet 62(5): 1180-8. Cox, A., N. J. Camp, et al. (1999). "Combined sib-TDT and TDT provide evidence for linkage of the C18 interleukin-1 gene cluster to erosive rheumatoid arthritis." Hum Mol Genet 8(9): 1707-13. C 19 De Backer, O., K. C. Arden, et al. (1999). "Characterization of the GAGE genes that are expressed in various human cancers and in normal testis." Cancer Res 59(13): 3157-65. C20 Devchand, P. R., H. Keller, et al. (1996). "The PPARalpha-leukotriene B4 pathway to inflammation control." Nature 384(6604): 39-43. C21 Diaz-Benjumea, F. J. and S. M. Cohen (1995). "Serrate signals through Notch to establish a Wingless-dependent organizer at the dorsal/ventral compartment boundary of the Drosophila wing." Development 121(12): 4215-25. C22 Diehl, S. R., Y. Wang, et al. (1999). "Linkage disequilibrium of interleukin-1 genetic polymorphisms with early-onset periodontitis." J Periodontol 70(4): 418-30. 0.23 Ducruet, A. P., R. L. Rice, et al. (2000). "Identification of new Cdc25 dual specificity phosphatase inhibitors in a targeted small molecule array." Bioorg Med Chem 8(6): 1451-66. C 24 Eng. C. (1999). "The role of PTEN, a phosphatase gene, in inherited and sporadic nonmedullary thyroid tumors." Recent Prog Horm Res 54: 441-52. C25 Frisen, J. and U. Lendahl (2001). "Oh no, Notch again!" Bioessays 23(1): 3-7. Fujioka, Y., T. Matozaki, et al. (1996). "A novel membrane glycoprotein, SHPS-1, that binds the SH2-C26 domain- containing protein tyrosine phosphatase SHP-2 in response to mitogens and cell adhesion.' Mol Cell Biol 16(12): 6887-99. C27 Furutani, Y., M. Notake, et al. (1986), "Complete nucleotide sequence of the gene for human interleukin 1 alpha." Nucleic Acids Res 14(8) 3167-79. C28 GenBank Accession Number: A36262 (04-MAR-1997) GenBank Accession Number: A40043 (05-MAR-1997) C29 C30 GenBank Accession Number: AAA40702 (24-MAY-1993) C31 GenBank Accession Number: AAA40703 (24-MAY-1993) C32 GenBank Accession Number: AAA66065 (10-MAY-1995) C33 GenBank Accession Number: AAB04023 (18-JUL-1996) C34 GenBank Accession Number: AAB07524 (01-MAY-2001) C35 GenBank Accession Number: AAB47561 (18-FEB-1997) C36 GenBank Accession Number: AAB66333 (09-AUG-1997) C 37 GenBank Accession Number: AAB88818 (13-DEC-1997)



Express Mail No. EV074978536US Date of Deposit: June 5, 2002 OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS 002 600/29**00**

| 26 | OTTEN MONTANE MONTANE POOR MENTO | | |
|------------------|----------------------------------|--|-----------------|
| Exim to tials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEIV |
| | C38 | GenBank Accession Number: AAB94053 (31-DEC-1997) | JUN 1 0 20 |
| | C39 | GenBank Accession Number: AAC03237 (19-FEB-1998) | TECH CENTER 160 |
| | C40 | GenBank Accession Number: AAC08589 (31-MAR-1998) | TEOH OENTER 10 |
| | C41 | GenBank Accession Number: AAC19365 (09-JUN-1998) | |
| | C42 | GenBank Accession Number: AAC28073 (25-FEB-2000) | |
| | C43 | GenBank Accession Number: AAC33801 (02-SEP-1998) | |
| | C44 | GenBank Accession Number: AAC39523 (04-JAN-2002) | |
| | C 45 | GenBank Accession Number: AAC39776 (17-JUN-1998) | |
| | C46 | GenBank Accession Number: AAC40184 (22-JUL-1998) | |
| | C47 | GenBank Accession Number: AAC60339 (05-JAN-1998) | |
| | C48 | GenBank Accession Number: AAC70020 (04-NOV-1998) | |
| | C49 | GenBank Accession Number: AAC95001 (10-DEC-1998) | |
| | C50 | GenBank Accession Number: AAC95002 (10-DEC-1998) | |
| | C51 | GenBank Accession Number: AAC95472 (15-DEC-1998) | |
| | C-52 | GenBank Accession Number: AAC98726 (30-DEC-1998) | |
| | C53 | GenBank Accession Number: AAD02833 (10-AUG-2000) | |
| | C 54 | GenBank Accession Number: AAD03353 (27-SEP-2001) | |
| | C 55 | GenBank Accession Number: AAD09763 (09-AUG-2000) | |
| | C56 | GenBank Accession Number: AAD17690 (11-MAR-1999) | |
| | C.57 | GenBank Accession Number: AAD20436 (05-MAY-2000) | |
| | C58 | GenBank Accession Number: AAD26136 (20-APR-1999) | |
| | C59 | GenBank Accession Number: AAD30133 (13-MAY-1999) | |
| | C 60 | GenBank Accession Number: AAD43423 (08-MAR-2000) | |
| | C61 | GenBank Accession Number: AAD50531 (23-AUG-1999) | |
| _ | C62 | GenBank Accession Number: AAD55304 (16-SEP-1999) | |
| | C63 | GenBank Accession Number: AAF06695 (09-NOV-1999) | |
| | C64 | GenBank Accession Number: AAF19259 (21-DEC-1999) | |
| | C65 | GenBank Accession Number: AAF19260 (21-DEC-1999) | |
| | C66 | GenBank Accession Number: AAF26979 (24-JAN-2001) | |
| | C67 | GenBank Accession Number: AAF28316 (27-JAN-2000) | |
| | C68 | GenBank Accession Number: AAF54707 (05-OCT-2000) | |
| | C69 | GenBank Accession Number: AAF86402 (19-JUL-2000) | |
| | C70 | GenBank Accession Number: AAF97254 (03-AUG-2000) | |
| | C71 | GenBank Accession Number: AAF98323 (10-AUG-2000) | |
| | C72 | GenBank Accession Number: AAG01996 (31-AUG-2000) | |
| | C73 | GenBank Accession Number: AAG15395 (22-SEP-2000) | |
| | C74 | GenBank Accession Number: AAG29766 (05-NOV-2000) | |
| | C75 | GenBank Accession Number: AAG33848 (22-NOV-2000) | |
| | C 76 | GenBank Accession Number: AAG39278 (12-APR-2002) | |

JUN 0 5 2002

| tam itials | Cite No. | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEIV |
|---------------|-------------|---|-------------------|
| | C77 | GenBank Accession Number: AAG39856 (13-DEC-2000) | · LOLIVI |
| | C78 | GenBank Accession Number: AAG39860 (13-DEC-2000) | JUN 1 0 200 |
| | C79 | GenBank Accession Number: AAG39878 (13-DEC-2000) | TECH CENTER 1600, |
| | C80 | GenBank Accession Number: AAG40157 (14-DEC-2000) | LOTTOLIVIER 1000 |
| | C81 | GenBank Accession Number: AAG41683 (20-DEC-2000) | |
| | C82 | GenBank Accession Number: AAG41684 (20-DEC-2000) | |
| | CB3 | GenBank Accession Number: AAG41685 (20-DEC-2000) | |
| | C84 | GenBank Accession Number: AAG42364 (26-DEC-2000) | |
| | C85 | GenBank Accession Number: AAG42368 (26-DEC-2000) | |
| (| C86 | GenBank Accession Number: AAG45183 (20-JUN-2001) | |
| | C87 | GenBank Accession Number: AAG45185 (20-JUN-2001) | |
| | C88 | GenBank Accession Number: AAG45186 (20-JUN-2001) | |
| C | C89 | GenBank Accession Number: AAG45196 (07-AUG-2001) | |
| C | 90 | GenBank Accession Number: AAG45207 (20-JUN-2001) | |
| C | 91 | GenBank Accession Number: AAH00532 (12-JUL-2001) | |
| С | 92 | GenBank Accession Number: AAH00819 (12-JUL-2001) | |
| С | 93 | GenBank Accession Number: AAH01055 (12-JUL-2001) | |
| C | 94 | GenBank Accession Number: AAH02321 (12-JUL-2001) | |
| C | 95 | GenBank Accession Number: AAH02729 (12-JUL-2001) | |
| CS | 96 | GenBank Accession Number: AAH03026 (12-JUL-2001) | |
| CS | 97 | GenBank Accession Number: AAH05279 (12-JUL-2001) | |
| CS | 98 | GenBank Accession Number: AAH05759 (12-JUL-2001) | |
| C9 | 9 | GenBank Accession Number: AAH06355 (12-JUL-2001) | |
| C1 | 00 | GenBank Accession Number: AAH06506 (12-JUL-2001) | |
| C1 | 01 | GenBank Accession Number: AAH06844 (12-JUL-2001) | |
| C10 | 02 | GenBank Accession Number: AAH09075 (12-JUL-2001) | |
| C10 | 03 | GenBank Accession Number: AAH09778 (12-JUL-2001) | |
| C10 | 04 | GenBank Accession Number: AAH10404 (12-JUL-2001) | |
| C10 |)5 | GenBank Accession Number: AAH10668 (12-JUL-2001) | |
| C10 |)6 | GenBank Accession Number: AAH11148 (30-JUL-2001) | |
| C10 | 7 | GenBank Accession Number: AAH11820 (02-AUG-2001) | |
| C10 | 8 | GenBank Accession Number: AAH12947 (22-AUG-2001) | / |
| C10 | 9 | GenBank Accession Number: AAH13060 (29-AUG-2001) | |
| C110 | 0 | GenBank Accession Number: AAH14271 (19-SEP-2001) | $-\sqrt{}$ |
| C111 | 1 1 | GenBank Accession Number: AAH18204 (06-DEC-2001) | - \ |
| C112 | 2 (| GenBank Accession Number: AAH21357 (22-JAN-2002) | |
| C113 | 3 (| GenBank Accession Number: AAH21634 (22-JAN-2002) | \rightarrow |
| C114 | | GenBank Accession Number: AAK01642 (07-FEB-2001) | \checkmark |
| C115 | | GenBank Accession Number: AAK15038 (17-JUL-2001) | |

| Data of | | No. EV074978536US : June 5, 2002 | Page 5 of 32 |
|-------------|-------|--|---------------------------------------|
| PE | | OTHER REION ART. MON PATENT LITERATURE ROCKIMENTS | |
| 0 5 2082am | Cite | Name of Author Title (when appropriate) Publication Volume Page(s) Date Etc | |
| initials | No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | <u> </u> |
| IDENMENT CE | | GenBank Accession Number: AAK35052 (24-SEP-2001) | <u>.</u> |
| URINA | C117 | GenBank Accession Number: AAK77966 (01-AUG-2001) | |
| | C118 | GenBank Accession Number: AAK85733 (28-JAN-2002) | . |
| | C119 | GenBank Accession Number: AAK91804 (14-SEP-2001) | |
| | C120 | GenBank Accession Number: AAK95076 (27-AUG-2001) | |
| | C121 | GenBank Accession Number: AAK95096 (27-AUG-2001) | |
| | C122 | GenBank Accession Number: AAK97625 (30-APR-2002) | |
| | C12/3 | GenBank Accession Number: AAL06241 (21-FEB-2002) | |
| | C124 | GenBank Accession Number: AAL11033 (05-OCT-2001) | |
| | C125 | GenBank Accession Number: AAL26488 (01-NOV-2001) | |
| | C126 | GenBank Accession Number: AAL32299 (17-NOV-2001) | |
| | C127 | GenBank Accession Number: AAL33880 (21-NOV-2001) | ., |
| | C128 | GenBank Accession Number: AAL33881 (21-NOV-2001) | |
| | C 129 | GenBank Accession Number: AAL40735 (12-DEC-2001) | |
| | C130 | GenBank Accession Number: AAL47179 (17-DEC-2001) | |
| | C131 | GenBank Accession Number: AAL55879 (01-JAN-2002) | |
| | C 132 | GenBank Accession Number: AB008225 (12-DEC-1999) | 204.0 200 |
| | C133 | GenBank Accession Number: AB024567 (17-DEC-2001) | |
| | C 134 | GenBank Accession Number: AB026979 (05-NOV-1999) | |
| | C135 | GenBank Accession Number: AB027004 (13-JAN-2000) | |
| | C136 | GenBank Accession Number: AB030036 (06-JAN-2001) | |
| | C137 | GenBank Accession Number: AB030239 (05-JAN-2002) | |
| | C138 | GenBank Accession Number: AB030895 (03-NOV-1999) | |
| | C139 | GenBank Accession Number: AB032953 (11-NOV-1999) | |
| | C140 | GenBank Accession Number: AB035520 (11-APR-2000) | |
| | C141 | GenBank Accession Number: AB037269 (26-JAN-2000) | |
| | C142 | GenBank Accession Number: AB037845 (10-MAY-2002) | |
| | C143 | GenBank Accession Number: AB037846 (14-MAR-2000) | |
| | C144 | GenBank Accession Number: AB038241 (16-FEB-2000) | |
| | C145 | GenBank Accession Number: AB038498 (09-AUG-2000) | |
| | C146 | GenBank Accession Number: AB038770 (05-JAN-2002) | |
| | C147 | GenBank Accession Number: AB040103 (07-NOV-2000) | |
| | C148 | GenBank Accession Number: AB040934 (22-FEB-2001) | |
| | C149 | GenBank Accession Number: AB041591 (30-JUN-2000) | |
| | C150 | GenBank Accession Number: AB051487 (07-FEB-2001) | |
| | C 151 | GenBank Accession Number: AB051853 (14-AUG-2001) | · · · · · · · · · · · · · · · · · · · |
| | C152 | GenBank Accession Number: AB052156 (18-OCT-2001) | |
| | C153 | GenBank Accession Number: AB052157 (18-OCT-2001) | |



| | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | DEST |
|------|--|--------------------------------------|
| | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEIV JUN 1 0 200 TECH CENTER 1600 |
| -55 | GenBank Accession Number: AB063019 (10-JAN-2002) | IIIN 1 2 2 |
| C156 | GenBank Accession Number: AB063065 (13-JUN-2001) | - 0014 1 () 2p(|
| C157 | GenBank Accession Number: AB063187 (05-JAN-2002) | TECH CENTER 1600 |
| C158 | GenBank Accession Number: AB063483 (20-OCT-2001) | |
| C159 | GenBank Accession Number: AB067514 (15-SEP-2001) | |
| C160 | GenBank Accession Number: AB070143 (16-AUG-2001) | |
| C161 | GenBank Accession Number: AB071094 (06-SEP-2001) | |
| C162 | GenBank Accession Number: AB072750 (11-OCT-2001) | |
| C163 | GenBank Accession Number: AB073819 (16-JAN-2002) | |
| C164 | GenBank Accession Number: AC004151 (19-FEB-1998) | |
| C165 | GenBank Accession Number: AC004832 (21-DEC-1999) | |
| C166 | GenBank Accession Number: AC005594 (02-SEP-1998) | |
| C167 | GenBank Accession Number: AC006271 (27-SEP-2001) | |
| C168 | GenBank Accession Number: AE003693 (05-OCT-2000) | |
| C169 | GenBank Accession Number: AF002983 (25-FEB-2000) | v |
| C170 | GenBank Accession Number: AF010293 (09-AUG-1997) | |
| C171 | GenBank Accession Number: AF016310 (30-DEC-1998) | |
| C172 | GenBank Accession Number: AF016903 (18-JUN-1998) | |
| C173 | GenBank Accession Number: AF017079 (01-JAN-1998) | |
| C174 | GenBank Accession Number: AF019111 (04-MAY-2000) | |
| C175 | GenBank Accession Number: AF030409 (09-MAR-1998) | |
| C176 | GenBank Accession Number: AF031168 (22-JAN-1998) | |
| C177 | GenBank Accession Number: AF031483 (05-MAY-2000) | |
| C178 | GenBank Accession Number: AF031897 (06-JAN-1998) | |
| C179 | GenBank Accession Number: AF033189 (13-DEC-1997) | |
| C180 | GenBank Accession Number: AF033653 (30-MAY-1998) | |
| C181 | GenBank Accession Number: AF039686 (23-AUG-1999) | |
| C182 | GenBank Accession Number: AF042089 (02-NOV-2000) | |
| C183 | GenBank Accession Number: AF044033 (16-SEP-1999) | |
| C184 | GenBank Accession Number: AF054821 (31-MAR-1998) | |
| C185 | GenBank Accession Number: AF057145 (22-SEP-2000) | |
| C186 | GenBank Accession Number: AF063016 (10-DEC-1998) | |
| C187 | GenBank Accession Number: AF064200 (11-DEC-1998) | |
| C188 | GenBank Accession Number: AF065876 (04-NOV-1998) | |
| C189 | GenBank Accession Number: AF067420 (10-JUN-1998) | |
| C190 | GenBank Accession Number: AF069985 (23-JUL-1998) | |
| C191 | GenBank Accession Number: AF069987 (23-JUL-1998) | |
| C192 | GenBank Accession Number: AF073344 (14-SEP-1999) | |

| Exam nitials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
|-----------------|-------------|--|
| $\overline{}$ | C194 | GenBank Accession Number: AF073974 (08-MAR-2000) |
| -4: | C195 | GenBank Accession Number: AF076222 (11-MAR-1999) |
| | C196 | GenBank Accession Number: AF091090 (12-NOV-1998) |
| — | C197 | GenBank Accession Number: AF098327 (04-MAR-1999) |
| | C198 | GenBank Accession Number: AF099731 (15-DEC-1998) |
| | C199 | GenBank Accession Number: AF109196 (20-APR-1999) |
| | C200 | GenBank Accession Number: AF110323 (12-APR-2002) |
| · | C201 | GenBank Accession Number: AF117065 (23-JUL-1999) |
| | C202 | GenBank Accession Number: AF118224 (30-DEC-1999) |
| | C203 | GenBank Accession Number: AF132610 (24-OCT-1999) |
| | C 204 | GenBank Accession Number: AF133086 (01-OCT-1999) |
| | C205 | GenBank Accession Number: AF133300 (20-DEC-2000) |
| | C206 | GenBank Accession Number: AF134160 (15-DEC-2000) |
| | C207 | GenBank Accession Number: AF137396 (20-DEC-2000) |
| | C208 | GenBank Accession Number: AF140032 (13-MAY-1999) |
| - | C209 | GenBank Accession Number: AF141377 (09-JUL-2001) |
| - | C210 | GenBank Accession Number: AF152363 (01-AUG-1999) |
| | C21* | GenBank Accession Number: AF165519 (20-JUL-2000) |
| | C212 | GenBank Accession Number: AF195418 (27-JAN-2000) |
| | C213 | GenBank Accession Number: AF201734 (30-MAY-2000) |
| | C214 | GenBank Accession Number: AF201831 (16-JAN-2000) |
| | C215 | GenBank Accession Number: AF221634 (05-NOV-2000) |
| | C216 | GenBank Accession Number: AF236367 (05-OCT-2001) |
| | C217 | GenBank Accession Number: AF237619 (17-JUL-2001) |
| | C218 | GenBank Accession Number: AF245505 (19-JUL-2000) |
| | C219 | GenBank Accession Number: AF247822 (14-DEC-2000) |
| · | C220 | GenBank Accession Number: AF249889 (10-AUG-2000) |
| , | C221 | GenBank Accession Number: AF251237 (23-AUG-2000) |
| | C 222 | GenBank Accession Number: AF261085 (08-SEP-2000) |
| | C223 | GenBank Accession Number: AF265228 (21-JUL-2000) |
| | C224 | GenBank Accession Number: AF282269 (21-NOV-2001) |
| | C225 | GenBank Accession Number: AF282270 (21-NOV-2001) |
| | C 226 | GenBank Accession Number: AF282271 (13-DEC-2000) |
| | C227 | GenBank Accession Number: AF282275 (13-DEC-2000) |
| | C.228 | GenBank Accession Number: AF282293 (13-DEC-2000) |
| | C229 | GenBank Accession Number: AF288209 (03-AUG-2000) |
| | C530 | GenBank Accession Number: AF289204 (26-DEC-2000) |
| | C 231 | GenBank Accession Number: AF293080 (02-SEP-2001) |
| | C232 | GenBank Accession Number: AF295365 (06-APR-2001) |

Express Mail No. EV074978536US

Date of Deposit: June 5, 2002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS RECEIVED Exam Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C233 GenBank Accession Number: AF308602 (22-NOV-2000) C234 GenBank Accession Number: AF318372 (01-JAN-2002) TECH CENTER 1600/2900 C235 GenBank Accession Number: AF321233 (20-JUN-2001) C236 GenBank Accession Number: AF321237 (20-JUN-2001) C237 GenBank Accession Number: AF321824 (07-FEB-2001) C238 GenBank Accession Number: AF321831 (17-NOV-2001) C239 GenBank Accession Number: AF345951 (24-SEP-2001) C240 GenBank Accession Number: AF395204 (30-APR-2002) C241 GenBank Accession Number: AF395591 (15-JUL-2001) C242 GenBank Accession Number: AF399611 (27-AUG-2001) C243 GenBank Accession Number: AF411117 (01-NOV-2001) C244 GenBank Accession Number: AF416988 (12-DEC-2001) C2:45 GenBank Accession Number: AF452102 (17-DEC-2001) C246 GenBank Accession Number: AJ001696 (08-OCT-1999) GenBank Accession Number: AJ006693 (13-JUN-1998) C247 C248 GenBank Accession Number: AJ011497 (14-APR-1999) C249 GenBank Accession Number: AJ132352 (03-MAY-1999) C250 GenBank Accession Number: AJ249735 (24-SEP-1999) C251 GenBank Accession Number: AJ249895 (05-MAY-2000) C252 GenBank Accession Number: AJ272212 (13-NOV-2000) GenBank Accession Number: AJ279031 (18-MAR-2001) C253 C254 GenBank Accession Number: AJ302602 (06-JAN-2001) C255 GenBank Accession Number: AJ302603 (06-JAN-2001) GenBank Accession Number: AJ302711 (04-JAN-2002) C256 C257 GenBank Accession Number: AJ313164 (04-JAN-2002) C258 GenBank Accession Number: AJ318881 (14-JAN-2002) C259 GenBank Accession Number: AJ400877 (06-FEB-2002) C260 GenBank Accession Number: AJ414563 (07-OCT-2001) C261 GenBank Accession Number: AJ416889 (21-OCT-2001) C262 GenBank Accession Number: AK001421 (22-FEB-2000) C 263 GenBank Accession Number: AK002822 (19-JAN-2002) C 264 GenBank Accession Number: AK004258 (19-JAN-2002) C265 GenBank Accession Number: AK004939 (19-JAN-2002) C.266 GenBank Accession Number: AK004988 (19-JAN-2002) C 267 GenBank Accession Number: AK006247 (19-JAN-2002) C.768 GenBank Accession Number: AK008734 (19-JAN-2002) C 269 GenBank Accession Number: AK008821 (19-JAN-2002) C270 GenBank Accession Number: AK009665 (19-JAN-2002) C271 GenBank Accession Number: AK009787 (19-JAN-2002)

| | T | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |
|------------------|-------------|--|
| Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| | C272 | GenBank Accession Number: AK010127 (19-JAN-2002) |
| 0 | C273 | GenBank Accession Number: AK010485 (19-JAN-2002) |
| ωI | C274 | GenBank Accession Number: AK013149 (19-JAN-2002) |
| 2 (S) | C275 | GenBank Accession Number: AK016546 (19-JAN-2002) |
| 2 81 | C276 | GenBank Accession Number: AK016945 (19-JAN-2002) |
| HIGH | C277 | GenBank Accession Number: AK017245 (19-JAN-2002) |
| | C278 | GenBank Accession Number: AK017433 (19-JAN-2002) |
| | C279 | GenBank Accession Number: AK018130 (19-JAN-2002) |
| | C280 | GenBank Accession Number: AK018369 (19-JAN-2002) |
| | C281 | GenBank Accession Number: AK019840 (19-JAN-2002) |
| | C282 | GenBank Accession Number: AK023083 (29-SEP-2000) |
| | C283 | GenBank Accession Number: AK023315 (29-SEP-2000) |
| | C284 | GenBank Accession Number: AK025342 (29-SEP-2000) |
| | C:285 | GenBank Accession Number: AK027100 (29-SEP-2000) |
| | C286 | GenBank Accession Number: AK027379 (27-MAR-2002) |
| | C287 | GenBank Accession Number: AK027720 (15-MAY-2001) |
| | C188 | GenBank Accession Number: AK054640 (31-OCT-2001) |
| | C289 | GenBank Accession Number: AK055973 (31-OCT-2001) |
| | C290 | GenBank Accession Number: AK056894 (31-OCT-2001) |
| | C291 | GenBank Accession Number: AK057922 (31-OCT-2001) |
| | C292 | GenBank Accession Number: AK057946 (31-OCT-2001) |
| | C293 | GenBank Accession Number: AL022165 (23-NOV-1999) |
| | C294 | GenBank Accession Number: AL096881 (23-JUL-1999) |
| | C295 | GenBank Accession Number: AL109659 (29-JUL-2000) |
| | C 296 | GenBank Accession Number: AL136657 (20-MAR-2002) |
| | C297 | GenBank Accession Number: AL137013 (15-DEC-2000) |
| | C298 | GenBank Accession Number: AP000383 (27-DEC-2000) |
| | C299 | GenBank Accession Number: AP000500 (28-SEP-1999) |
| | C300 | GenBank Accession Number: AP000534 (10-JUN-2000) |
| | C301 | GenBank Accession Number: AP001754 (30-MAY-2000) |
| | C302 | GenBank Accession Number: AX008326 (06-SEP-2000) |
| | C 303 | GenBank Accession Number: AX083362 (28-FEB-2001) |
| | C304 | GenBank Accession Number: AX191622 (15-AUG-2001) |
| | C305 | GenBank Accession Number: AY040091 (01-AUG-2001) |
| | C 306 | GenBank Accession Number: AY042213 (14-SEP-2001) |
| | C 307 | GenBank Accession Number: AY043278 (28-JAN-2002) |
| | C 308 | GenBank Accession Number: AY049726 (21-FEB-2002) |
| | C 309 | GenBank Accession Number: BAA04798 (05-FEB-1999) |

Express Mail No. EV074978536US

Date of Deposit: June 5, 2002

C348

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Exam Cite PECEIVED Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. Initials No. C310 GenBank Accession Number: BAA09046 (28-APR-2000) JUN 1 0 2002 C311 GenBank Accession Number: BAA13212 (06-OCT-2001) C312 GenBank Accession Number: BAA13449 (06-OCT-2001) TEUN VENTER 1600/2900 C313 GenBank Accession Number: BAA22950 (05-JUN-1999) C314 GenBank Accession Number: BAA81892 (05-NOV-1999) C315 GenBank Accession Number: BAA90246 (26-JAN-2000) C316 GenBank Accession Number: BAA90818 (16-FEB-2000) C317 GenBank Accession Number: BAA92662 (10-MAY-2002) C318 GenBank Accession Number: BAA92663 (14-MAR-2000) C319 GenBank Accession Number: BAA94345 (11-APR-2000) C320 GenBank Accession Number: BAA95074 (30-JUN-2000) C321 GenBank Accession Number: BAA96025 (22-FEB-2001) C322 GenBank Accession Number: BAB01859 (27-DEC-2000) C323 GenBank Accession Number: BAB08218 (09-AUG-2000) C324 GenBank Accession Number: BAB15657 (29-SEP-2000) C325 GenBank Accession Number: BAB20278 (06-JAN-2001) C326 GenBank Accession Number: BAB20376 (06-JAN-2001) GenBank Accession Number: BAB21791 (07-FEB-2001) C327 C328 GenBank Accession Number: BAB22384 (19-JAN-2002) C329 GenBank Accession Number: BAB23238 (19-JAN-2002) C330 GenBank Accession Number: BAB23684 (19-JAN-2002) C331 GenBank Accession Number: BAB23723 (19-JAN-2002) C332 GenBank Accession Number: BAB24480 (19-JAN-2002) C333 GenBank Accession Number: BAB25864 (19-JAN-2002) C334 GenBank Accession Number: BAB25914 (19-JAN-2002) C335 GenBank Accession Number: BAB26426 (19-JAN-2002) C336 GenBank Accession Number: BAB26505 (19-JAN-2002) C337 GenBank Accession Number: BAB26718 (19-JAN-2002) C338 GenBank Accession Number: BAB26976 (19-JAN-2002) C339 GenBank Accession Number: BAB28679 (19-JAN-2002) C340 GenBank Accession Number: BAB30295 (19-JAN-2002) C.341 GenBank Accession Number: BAB30304 (19-JAN-2002) C342 GenBank Accession Number: BAB30513 (19-JAN-2002) C343 GenBank Accession Number: BAB30649 (19-JAN-2002) C344 GenBank Accession Number: BAB30742 (19-JAN-2002) C345 GenBank Accession Number: BAB31085 (19-JAN-2002) C346 GenBank Accession Number: BAB31181 (19-JAN-2002) C347 GenBank Accession Number: BAB31876 (19-JAN-2002)

GenBank Accession Number: BAB41146 (13-JUN-2001)

| Exam | Cite | Name of Author Title (when engagede) Dublication Values Desc(a) Data Etc. |
|----------|-------|--|
| Initials | No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| 1 | C349 | GenBank Accession Number: BAB46861 (13-JUN-2001) |
| <u> </u> | C350 | GenBank Accession Number: BAB47240 (18-OCT-2001) |
| (S) | C351 | GenBank Accession Number: BAB55072 (27-MAR-2002) |
| 8 | C352 | GenBank Accession Number: BAB56159 (14-AUG-2001) |
| \$y/ | C353 | GenBank Accession Number: BAB60766 (10-JAN-2002) |
| | C354 | GenBank Accession Number: BAB60785 (13-JUN-2001) |
| | C355 | GenBank Accession Number: BAB63088 (16-AUG-2001) |
| | C356 | GenBank Accession Number: BAB64488 (06-SEP-2001) |
| • | C357 | GenBank Accession Number: BAB67820 (15-SEP-2001) |
| | C358 | GenBank Accession Number: BAB69719 (11-OCT-2001) |
| | C359 | GenBank Accession Number: BAB70499 (20-OCT-2001) |
| | C360 | GenBank Accession Number: BAB70780 (31-OCT-2001) |
| | C361 | GenBank Accession Number: BAB71060 (31-OCT-2001) |
| - | C362 | GenBank Accession Number: BAB71260 (31-OCT-2001) |
| | C363 | GenBank Accession Number: BAB71302 (31-OCT-2001) |
| | C364 | GenBank Accession Number: BAB71613 (31-OCT-2001) |
| | C365 | GenBank Accession Number: BAB73619 (28-NOV-2001) |
| | C366 | GenBank Accession Number: BAB82499 (05-JAN-2002) |
| | C367 | GenBank Accession Number: BAB83128 (05-JAN-2002) |
| | C368 | GenBank Accession Number: BAB83499 (05-JAN-2002) |
| | C369 | GenBank Accession Number: BAB83866 (16-JAN-2002) |
| | C370 | GenBank Accession Number: BC000532 (12-JUL-2001) |
| | C371 | GenBank Accession Number: BC000819 (12-JUL-2001) |
| | C372 | GenBank Accession Number: BC001055 (12-JUL-2001) |
| | C373 | GenBank Accession Number: BC002321 (12-JUL-2001) |
| | C374 | GenBank Accession Number: BC003026 (12-JUL-2001) |
| | C375 | GenBank Accession Number: BC005279 (12-JUL-2001) |
| | C 376 | GenBank Accession Number: BC005405 (12-JUL-2001) |
| | C377 | GenBank Accession Number: BC005759 (12-JUL-2001) |
| | C378 | GenBank Accession Number: BC006107 (12-JUL-2001) |
| | C379 | GenBank Accession Number: BC006506 (12-JUL-2001) |
| | C380 | GenBank Accession Number: BC006844 (12-JUL-2001) |
| | C381 | GenBank Accession Number: BC009075 (12-JUL-2001) |
| | C382 | GenBank Accession Number: BC009778 (12-JUL-2001) |
| | C383 | GenBank Accession Number: BC010404 (12-JUL-2001) |
| | C384 | GenBank Accession Number: BC010668 (12-JUL-2001) |
| | C385 | GenBank Accession Number: BC011148 (30-JUL-2001) |
| | C386 | GenBank Accession Number: BC011803 (02-AUG-2001) |
| | C387 | GenBank Accession Number: BC011820 (02-AUG-2001) |

| xam nitials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | DEAL |
|----------------|-------------|--|--------------|
| | C388 | GenBank Accession Number: BC012947 (22-AUG-2001) | JUN 1 |
| | C389 | GenBank Accession Number: BC013030 (22-AUG-2001) | JUN 1 |
| | C390 | GenBank Accession Number: BC013060 (29-AUG-2001) | i vene |
| 7 | C391 | GenBank Accession Number: BC014271 (19-SEP-2001) | febri Jenter |
| | C 392 | GenBank Accession Number: BC018204 (06-DEC-2001) | |
| | C393 | GenBank Accession Number: BC021357 (22-JAN-2002) | |
| _ | C394 | GenBank Accession Number: BC021634 (22-JAN-2002) | |
| | C395 | GenBank Accession Number: CAA10644 (03-MAY-1999) | |
| | C396 | GenBank Accession Number: CAA18155 (23-NOV-1999) | |
| | C397 | GenBank Accession Number: CAA25833 (23-NOV-1995) | |
| | C398 | GenBank Accession Number: CAA71942 (24-FEB-1998) | |
| | C399 | GenBank Accession Number: CAA71944 (24-FEB-1998) | |
| - | C400 | GenBank Accession Number: CAB08108 (27-AUG-1998) | |
| | C401 | GenBank Accession Number: CAB44334 (03-JUN-1999) | |
| | C402 | GenBank Accession Number: CAB66592 (20-MAR-2002) | |
| - | C403 | GenBank Accession Number: CAB92761 (15-DEC-2000) | |
| | C404 | GenBank Accession Number: CAC00574 (29-JUL-2000) | |
| | C405 | GenBank Accession Number: CAC09416 (18-MAR-2001) | |
| | C406 | GenBank Accession Number: CAC10008 (11-MAY-2001) | |
| ··· | C407 | GenBank Accession Number: CAC20522 (06-JAN-2001) | |
| | C408 | GenBank Accession Number: CAC20523 (06-JAN-2001) | |
| | C409 | GenBank Accession Number: CAC33285 (28-FEB-2001) | |
| | C410 | GenBank Accession Number: CAC82936 (04-JAN-2002) | |
| | C411 | GenBank Accession Number: CAC83008 (14-JAN-2002) | |
| | C412 | GenBank Accession Number: CAC85632 (04-JAN-2002) | |
| | C413 | GenBank Accession Number: CAC93845 (07-OCT-2001) | |
| | C414 | GenBank Accession Number: CAC95180 (21-OCT-2001) | |
| | C 415 | GenBank Accession Number: D13292 (01-FEB-2000) | |
| | C416 | GenBank Accession Number: D13630 (25-APR-2002) | |
| | C417 | GenBank Accession Number: D13902 (14-APR-2000) | |
| *** | C418 | GenBank Accession Number: D21254 (05-FEB-1999) | |
| | C419 | GenBank Accession Number: D26480 (06-FEB-1999) | |
| | C420 | GenBank Accession Number: D50455 (28-APR-2000) | |
| | C421 | GenBank Accession Number: D86976 (06-OCT-2001) | |
| | C422 | GenBank Accession Number: D87743 (06-OCT-2001) | |
| | C423 | GenBank Accession Number: D88577 (07-FEB-1999) | |
| | C424 | GenBank Accession Number: E02765 (29-SEP-1997) | |
| _ | C425 | GenBank Accession Number: E12348 (24-JUN-1998) | |
| | C426 | GenBank Accession Number: E13204 (24-JUN-1998) | |

| xam | Cite No. | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEIVED |
|----------------------|-------------|---|-----------------------------|
| | C427 | GenBank Accession Number: G02438 (19-OCT-1995) | JUN 1 0 2002 |
| 7 | C428 | GenBank Accession Number: 108606 (02-DEC-1994) | 30N 1 0 240Z |
| f_{\cdot}^{α} | C429 | GenBank Accession Number: I38138 (13-MAY-1997) | TECH CENTER 16 00/29 |
| ह्य | C430 | GenBank Accession Number: I46489 (07-OCT-1997) | |
| | C431 | GenBank Accession Number: I49365 (Jan 15 2002) | |
| | C432 | GenBank Accession Number: J03823 (27-APR-1993) | |
| | C433 | GenBank Accession Number: J05272 (11-JUN-1993) | |
| | C434 | GenBank Accession Number: J05428 (03-AUG-1993) | |
| | C435 | GenBank Accession Number: J05481 (27-APR-1993) | |
| ***** | C436 | GenBank Accession Number: JC7283 (02-SEP-2000) | * |
| | C437 | GenBank Accession Number: JN0619 (02-JUN-2000) | |
| | C438 | GenBank Accession Number: L05147 (27-APR-1993) | |
| | C439 | GenBank Accession Number: L34056 (29-JUN-1994) | |
| | C440 | GenBank Accession Number: L44140 (17-MAY-1999) | |
| | C441 | GenBank Accession Number: M36485 (27-APR-1993) | |
| | C442 | GenBank Accession Number: M61199 (23-MAY-1996) | |
| | C443 | GenBank Accession Number: M64780 (24-MAY-1993) | |
| | C444 | GenBank Accession Number: M76533 (13-DEC-1996) | pigli - a spring i - a a pr |
| | C445 | GenBank Accession Number: M85301 (27-APR-1993) | |
| | C446 | GenBank Accession Number: M94363 (24-MAY-1996) | |
| | C447 | GenBank Accession Number: NM_000118 (31-OCT-2000) | |
| | C448 | GenBank Accession Number: NM_000883 (31-OCT-2000) | |
| | C449 | GenBank Accession Number: NM_000896 (23-MAR-2001) | |
| | C450 | GenBank Accession Number: NM_001074 (31-OCT-2000) | <u>-</u> |
| | C451 | GenBank Accession Number: NM 001307 (31-OCT-2000) | |
| | C452 | GenBank Accession Number: NM_001355 (31-OCT-2000) | |
| - | C453 | GenBank Accession Number: NM_001868 (31-OCT-2000) | |
| | C454 | GenBank Accession Number: NM_002046 (31-OCT-2000) | |
| | C455 | GenBank Accession Number: NM_002577 (16-OCT-2001) | - |
| | C456 | GenBank Accession Number: NM_002999 (31-OCT-2000) | |
| | C457 | GenBank Accession Number: NM_003048 (08-SEP-2001) | |
| | C458 | GenBank Accession Number: NM_003395 (15-NOV-2001) | |
| | C459 | GenBank Accession Number: NM_003396 (20-NOV-2001) | |
| | C460 | GenBank Accession Number: NM_004059 (18-DEC-2001) | |
| | C461 | GenBank Accession Number: NM_004090 (07-FEB-2001) | |
| - | C462 | GenBank Accession Number: NM_004160 (01-NOV-2000) | |
| | C463 | GenBank Accession Number: NM_004420 (03-APR-2001) | |
| - | C464 | GenBank Accession Number: NM_004648 (31-JAN-2002) | |
| | C465 | GenBank Accession Number: NM_004731 (01-NOV-2000) | |

| | | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |
|------------------|-------------|--|
| Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| \nearrow | C466 | GenBank Accession Number: NM_004807 (26-JAN-2001) |
| m | C467 | GenBank Accession Number: NM_004885 (16-DEC-2000) |
| 1 1 | C468 | GenBank Accession Number: NM_005268 (01-NOV-2000) |
| 200 5 | C469 | GenBank Accession Number: NM_005291 (01-NOV-2000) |
| OF MOSE | C470 | GenBank Accession Number: NM_005600 (01-NOV-2000) |
| | C471 | GenBank Accession Number: NM_006359 (10-FEB-2002) |
| | C472 | GenBank Accession Number: NM_006577 (18-DEC-2001) |
| | C473 | GenBank Accession Number: NM_006751 (10-DEC-2001) |
| | C474 | GenBank Accession Number: NM_006800 (21-DEC-2001) |
| | C475 | GenBank Accession Number: NM_006812 (02-NOV-2000) |
| | C476 | GenBank Accession Number: NM_007196 (02-NOV-2000) |
| | C477 | GenBank Accession Number: NM_007932 (07-JAN-2002) |
| | C478 | GenBank Accession Number: NM_008382 (07-JAN-2002) |
| | C479 | GenBank Accession Number: NM_008748 (07-JAN-2002) |
| | C480 | GenBank Accession Number: NM_008821 (07-JAN-2002) |
| | C 481 | GenBank Accession Number: NM_008940 (07-JAN-2002) |
| | C482 | GenBank Accession Number: NM_010027 (07-JAN-2002) |
| | C483 | GenBank Accession Number: NM_010291 (07-JAN-2002) |
| | C484 | GenBank Accession Number: NM_010832 (07-JAN-2002) |
| | C485 | GenBank Accession Number: NM_011176 (07-JAN-2002) |
| | C486 | GenBank Accession Number: NM_011391 (07-JAN-2002) |
| | C487 | GenBank Accession Number: NM_011521 (07-JAN-2002) |
| | C488 | GenBank Accession Number: NM_011829 (07-JAN-2002) |
| | C489 | GenBank Accession Number: NM_011838 (07-JAN-2002) |
| | C490 | GenBank Accession Number: NM_011856 (07-JAN-2002) |
| | C491 | GenBank Accession Number: NM_012049 (07-JAN-2002) |
| | C 492 | GenBank Accession Number: NM_012369 (03-FEB-2001) |
| | C493 | GenBank Accession Number: NM_012375 (02-NOV-2000) |
| | C494 | GenBank Accession Number: NM_012429 (20-DEC-2001) |
| | C495 | GenBank Accession Number: NM_012649 (20-JAN-2002) |
| | C496 | GenBank Accession Number: NM_012653 (01-NOV-2000) |
| | C 497 | GenBank Accession Number: NM_013617 (07-JAN-2002) |
| | C498 | GenBank Accession Number: NM_013620 (07-JAN-2002) |
| | C499 | GenBank Accession Number: NM_013621 (07-JAN-2002) |
| | C 500 | GenBank Accession Number: NM_013849 (07-JAN-2002) |
| | C 50: | GenBank Accession Number: NM_013885 (07-JAN-2002) |
| | C502 | GenBank Accession Number: NM_013943 (08-DEC-2001) |
| | C 503 | GenBank Accession Number: NM_014038 (14-MAY-2002) |
| | C 504 | GenBank Accession Number: NM_014438 (08-APR-2002) |

| | | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |
|------------------|-------------|--|
| Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| A | C505 | GenBank Accession Number: NM_014440 (02-NOV-2000) |
| $ \omega $ | C506 | GenBank Accession Number: NM_014670 (06-SEP-2001) |
| 2 4 | C507 | GenBank Accession Number: NM_015717 (16-FEB-2001) |
| 12 G | C508 | GenBank Accession Number: NM_015726 (02-NOV-2000) |
| | C509 | GenBank Accession Number: NM_015819 (07-JAN-2002) |
| | C510 | GenBank Accession Number: NM_015820 (07-JAN-2002) |
| | C 511 | GenBank Accession Number: NM_016364 (15-APR-2002) |
| | C512 | GenBank Accession Number: NM_016674 (07-JAN-2002) |
| | C 513 | GenBank Accession Number: NM_016751 (07-JAN-2002) |
| | C514 | GenBank Accession Number: NM_016888 (07-JAN-2002) |
| | C515 | GenBank Accession Number: NM_017035 (01-NOV-2000) |
| | C516 | GenBank Accession Number: NM_018137 (10-FEB-2002) |
| | C517 | GenBank Accession Number: NM_018751 (07-JAN-2002) |
| | C518 | GenBank Accession Number: NM_019100 (10-APR-2002) |
| | C519 | GenBank Accession Number: NM_019450 (07-JAN-2002) |
| | C520 | GenBank Accession Number: NM_019618 (02-NOV-2000) |
| | C 52'1 | GenBank Accession Number: NM_019637 (07-JAN-2002) |
| | C 522 | GenBank Accession Number: NM_019676 (07-JAN-2002) |
| | C523 | GenBank Accession Number: NM_020088 (01-NOV-2000) |
| | C524 | GenBank Accession Number: NM_020185 (03-DEC-2001) |
| | C525 | GenBank Accession Number: NM_020515 (07-JAN-2002) |
| | C526 | GenBank Accession Number: NM_021130 (02-NOV-2000) |
| | C527 | GenBank Accession Number: NM_021368 (07-JAN-2002) |
| | C528 | GenBank Accession Number: NM_021479 (07-JAN-2002) |
| | C 529 | GenBank Accession Number: NM_021978 (30-MAR-2002) |
| | C 530 | GenBank Accession Number: NM_023178 (07-JAN-2002) |
| | C531 | GenBank Accession Number: NM_023980 (21-FEB-2001) |
| | C532 | GenBank Accession Number: NM_024025 (10-DEC-2001) |
| | C533 | GenBank Accession Number: NM_024131 (28-FEB-2001) |
| | C534 | GenBank Accession Number: NM_024438 (20-JAN-2002) |
| | C535 | GenBank Accession Number: NM_024825 (10-DEC-2001) |
| | C 536 | GenBank Accession Number: NM_026935 (07-JAN-2002) |
| | C537 | GenBank Accession Number: NM_027087 (08-JAN-2002) |
| | C538 | GenBank Accession Number: NM_030903 (14-APR-2001) |
| | C539 | GenBank Accession Number: NM_031479 (10-DEC-2001) |
| | C54i) | GenBank Accession Number: NM_031680 (02-MAY-2001) |
| | C 541 | GenBank Accession Number: NM_031732 (14-JUN-2001) |
| | C542 | GenBank Accession Number: NM_031815 (02-MAY-2001) |
| | C543 | GenBank Accession Number: NM_032147 (10-DEC-2001) |

| | | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |
|------------------|-------------|--|
| Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| | C544 | GenBank Accession Number: NM_032591 (08-DEC-2001) |
| 10) | C 545 | GenBank Accession Number: NM_032726 (10-DEC-2001) |
| m | C546 | GenBank Accession Number: NM_032759 (10-DEC-2001) |
| | C547 | GenBank Accession Number: NM_033059 (14-OCT-2001) |
| CE | C548 | GenBank Accession Number: NM_033126 (10-DEC-2001) |
| | C549 | GenBank Accession Number: NM_052841 (20-NOV-2001) |
| | C 550 | GenBank Accession Number: NM_053006 (29-OCT-2001) |
| | C551 | GenBank Accession Number: NM_053306 (07-NOV-2000) |
| | C552 | GenBank Accession Number: NM_053635 (07-NOV-2001) |
| | C 553 | GenBank Accession Number: NM_053753 (07-NOV-2001) |
| | C 554 | GenBank Accession Number: NM_053801 (07-NOV-2001) |
| | C555 | GenBank Accession Number: NM_054031 (09-FEB-2002) |
| | C 556 | GenBank Accession Number: NM_054032 (09-FEB-2002) |
| | C557 | GenBank Accession Number: NM_078629 (21-DEC-2001) |
| | C 558 | GenBank Accession Number: NM_078630 (21-DEC-2001) |
| | C559 | GenBank Accession Number: NM_080385 (24-APR-2002) |
| | C560 | GenBank Accession Number: NM_080558 (07-JAN-2002) |
| | C 561 | GenBank Accession Number: NM_080611 (10-JAN-2002) |
| | C562 | GenBank Accession Number: NM_080688 (09-JAN-2002) |
| | C563 | GenBank Accession Number: NM_080817 (18-JAN-2002) |
| | C564 | GenBank Accession Number: NP_000109 (31-OCT-2000) |
| | C 565 | GenBank Accession Number: NP_000874 (31-OCT-2000) |
| | C566 | GenBank Accession Number: NP_000887 (23-MAR-2001) |
| | C567 | GenBank Accession Number: NP_001065 (31-OCT-2000) |
| | C568 | GenBank Accession Number: NP_001298 (31-OCT-2000) |
| | C 569 | GenBank Accession Number: NP_001346 (31-OCT-2000) |
| | C570 | GenBank Accession Number: NP_001859 (31-OCT-2000) |
| | C571 | GenBank Accession Number: NP_002037 (31-OCT-2000) |
| | C572 | GenBank Accession Number: NP_002568 (16-OCT-2001) |
| | C 573 | GenBank Accession Number: NP_002990 (31-OCT-2000) |
| | C574 | GenBank Accession Number: NP_003039 (08-SEP-2001) |
| | C 575 | GenBank Accession Number: NP_003386 (15-NOV-2001) |
| | C576 | GenBank Accession Number: NP_003387 (20-NOV-2001) |
| | C577 | GenBank Accession Number: NP_004050 (18-DEC-2001) |
| | C578 | GenBank Accession Number: NP_004081 (07-FEB-2001) |
| | C 579 | GenBank Accession Number: NP_004151 (01-NOV-2000) |
| | C 580 | GenBank Accession Number: NP_004411 (03-APR-2001) |
| | C581 | GenBank Accession Number: NP_004639 (31-JAN-2002) |
| | C582 | GenBank Accession Number: NP_004722 (01-NOV-2000) |

| Exam | Cite | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
|-------------|-------------|--|
| nitials | No. C583 | |
| λ | | GenBank Accession Number: NP_004876 (16-DEC-2000) |
| ω | C584 | GenBank Accession Number: NP_005259 (01-NOV-2000) |
| 25 | C585 | GenBank Accession Number: NP_005282 (01-NOV-2000) |
| <u> </u> | C586 | GenBank Accession Number: NP_005591 (01-NOV-2000) |
| | C587 | GenBank Accession Number: NP_006350 (10-FEB-2002) |
| | C 588 | GenBank Accession Number: NP_006568 (18-DEC-2001) |
| | C589 | GenBank Accession Number: NP_006742 (10-DEC-2001) |
| | C590 | GenBank Accession Number: NP_006791 (21-DEC-2001) |
| | C591 | GenBank Accession Number: NP_006803 (02-NOV-2000) |
| | C592 | GenBank Accession Number: NP_009127 (02-NOV-2000) |
| | C593 | GenBank Accession Number: NP_031958 (07-JAN-2002) |
| | C594 | GenBank Accession Number: NP_032408 (07-JAN-2002) |
| | C595 | GenBank Accession Number: NP_032774 (07-JAN-2002) |
| | C596 | GenBank Accession Number: NP_032847 (07-JAN-2002) |
| | C 597 | GenBank Accession Number: NP_032966 (07-JAN-2002) |
| | C598 | GenBank Accession Number: NP_034157 (07-JAN-2002) |
| | C599 | GenBank Accession Number: NP_034421 (07-JAN-2002) |
| | C600 | GenBank Accession Number: NP_034962 (07-JAN-2002) |
| | C601 | GenBank Accession Number: NP_035306 (07-JAN-2002) |
| | C602 | GenBank Accession Number: NP_035521 (07-JAN-2002) |
| | C603 | GenBank Accession Number: NP_035959 (07-JAN-2002) |
| | C604 | GenBank Accession Number: NP_035968 (07-JAN-2002) |
| | C605 | GenBank Accession Number: NP_035986 (07-JAN-2002) |
| | C606 | GenBank Accession Number: NP_036179 (07-JAN-2002) |
| | C607 | GenBank Accession Number: NP_036501 (03-FEB-2001) |
| | C608 | GenBank Accession Number: NP_036507 (02-NOV-2000) |
| | C609 | GenBank Accession Number: NP_036561 (20-DEC-2001) |
| · · · | C610 | GenBank Accession Number: NP_036781 (20-JAN-2002) |
| | C 611 | GenBank Accession Number: NP_036785 (01-NOV-2000) |
| | C612 | GenBank Accession Number: NP_038645 (07-JAN-2002) |
| | C613 | GenBank Accession Number: NP_038648 (07-JAN-2002) |
| | C614 | GenBank Accession Number: NP_038649 (07-JAN-2002) |
| | C615 | GenBank Accession Number: NP_038877 (07-JAN-2002) |
| | C616 | GenBank Accession Number: NP_038913 (07-JAN-2002) |
| | C617 | GenBank Accession Number: NP_039234 (08-DEC-2001) |
| | C 618 | GenBank Accession Number: NP_054757 (14-MAY-2002) |
| | C 619 | GenBank Accession Number: NP_055253 (08-APR-2002) |
| | C 620 | GenBank Accession Number: NP_055255 (02-NOV-2000) |
| | C621 | GenBank Accession Number: NP_055485 (06-SEP-2001) |

| PECEIVE JUN 1 (1 2002 TECH CENTER 1600/2 |
|--|
| 1114 |
| JUN] (1 2 p 02 |
| TECH CENTER 1600/ |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

| Exam nitials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEIV |
|-----------------|-------------|--|---------------------------------------|
|) | C 661 | GenBank Accession Number: NP_116115 (10-DEC-2001) | |
| m | C 662 | GenBank Accession Number: NP_149048 (14-OCT-2001) | JUN 1 0 200 |
| | C 663 | GenBank Accession Number: NP_149117 (10-DEC-2001) | TECH CENTER 1600 |
| <u>S</u> | C664 | GenBank Accession Number: NP_188637 (10-JAN-2002) | TEOLIOPIALEU 1000 |
| | C665 | GenBank Accession Number: NP_194680 (10-JAN-2002) | |
| | C 666 | GenBank Accession Number: NP_443073 (20-NOV-2001) | |
| | C 667 | GenBank Accession Number: NP_443732 (29-OCT-2001) | |
| | C668 | GenBank Accession Number: NP_445758 (07-NOV-2001) | |
| | C669 | GenBank Accession Number: NP_446087 (07-NOV-2001) | |
| | C670 | GenBank Accession Number: NP_446205 (07-NOV-2001) | |
| | C671 | GenBank Accession Number: NP_446253 (07-NOV-2001) | |
| | C672 | GenBank Accession Number: NP_473372 (09-FEB-2002) | |
| | C673 | GenBank Accession Number: NP_473373 (09-FEB-2002) | |
| | C 674 | GenBank Accession Number: NP_523353 (21-DEC-2001) | |
| | C675 | GenBank Accession Number: NP_523354 (21-DEC-2001) | |
| - | C676 | GenBank Accession Number: NP_525124 (24-APR-2002) | |
| | C677 | GenBank Accession Number: NP_542125 (07-JAN-2002) | |
| | C 678 | GenBank Accession Number: NP_542178 (10-JAN-2002) | |
| | C 679 | GenBank Accession Number: NP_542419 (09-JAN-2002) | |
| | C680 | GenBank Accession Number: NP_543007 (18-JAN-2002) | |
| | C681 | GenBank Accession Number: 000468 (May 12 1999) | |
| | C682 | GenBank Accession Number: 008717 (16-OCT-2001) | |
| | C683 | GenBank Accession Number: O42280 (01-MAR-2002) | |
| | C684 | SWALL Accession Number: O43789 (1-JUN-1998) | |
| | C685 | SWALL Accession Number: O57338 (1-JUN-1998) | |
| | C686 | SWALL Accession Number: O88623 (16-OCT-2001) | |
| | C687 | GenBank Accession Number: 088628 (16-OCT-2001) | |
| | C688 | GenBank Accession Number: 088780 (01-MAR-2002) | |
| | C 689 | GenBank Accession Number: 093319 (16-OCT-2001) | • |
| | C690 | GenBank Accession Number: 093361 (16-OCT-2001) | |
| | C 691 | GenBank Accession Number: O95006 (16-OCT-2001) | |
| | C 692 | GenBank Accession Number: O95832 (01-MAR-2002) | _ |
| | C693 | GenBank Accession Number: O95907 (01-MAR-2002) | |
| | C694 | GenBank Accession Number: P00355 (15-JUL-1999) | |
| | C695 | GenBank Accession Number: P00730 (16-OCT-2001) | · |
| | C696 | GenBank Accession Number: P04374 (01-MAR-2002) | · · · · · · · · · · · · · · · · · · · |
| | C697 | GenBank Accession Number: P06133 (01-MAR-2002) | 75 - 21 - 42 - 75 - |
| | C698 | GenBank Accession Number: P10082 (16-OCT-2001) | |
| | C 699 | GenBank Accession Number: P10631 (16-OCT-2001) | · |

| | | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | |
|------------------|-------------|--|----------------------------------|
| Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEIVI |
| | C 700 | GenBank Accession Number: P12526 (15-DEC-1998) | RECEIVE |
| m | C701 | GenBank Accession Number: P15085 (01-MAR-2002) | JUN 1 0 200 |
| 1 ' L | C702 | GenBank Accession Number: P16662 (01-MAR-2002) | JUN 1 0 200 TECH CENTER 1600, |
| | C703 | GenBank Accession Number: P17813 (01-MAR-2002) | 15011 OF MIEW 1900 |
| CH | C704 | GenBank Accession Number: P20839 (16-OCT-2001) | |
| | C705 | GenBank Accession Number: P21793 (16-OCT-2001) | |
| | C706 | GenBank Accession Number: P25304 (01-MAR-2002) | |
| | C707 | GenBank Accession Number: P26371 (16-OCT-2001) | |
| | C708 | GenBank Accession Number: P26434 (15-JUL-1999) | |
| | C709 | GenBank Accession Number: P28290 (01-MAR-2002) | |
| | C710 | GenBank Accession Number: P31696 (01-MAR-2002) | |
| | C711 | GenBank Accession Number: P34901 (30-MAY-2000) | |
| | C712 | GenBank Accession Number: P35410 (16-OCT-2001) | |
| | C713 | GenBank Accession Number: P46531 (01-MAR-2002) | |
| | C714 | GenBank Accession Number: P48763 (16-OCT-2001) | |
| | C715 | GenBank Accession Number: P49416 (30-MAY-2000) | |
| | C716 | GenBank Accession Number: P50237 (01-OCT-1996) | |
| | C717 | GenBank Accession Number: P50482 (16-OCT-2001) | |
| | C718 | GenBank Accession Number: P51452 (01-MAR-2002) | |
| | C719 | GenBank Accession Number: P51871 (15-DEC-1998) | |
| | C720 | GenBank Accession Number: P55103 (01-MAR-2002) | |
| | C721 | GenBank Accession Number: P55287 (16-OCT-2001) | |
| | C722 | GenBank Accession Number: P55288 (16-OCT-2001) | |
| | C723 | GenBank Accession Number: P57096 (01-MAR-2002) | |
| | C724 | GenBank Accession Number: P70194 (16-OCT-2001) | |
| | C725 | GenBank Accession Number: P79928 (30-MAY-2000) | |
| | C726 | GenBank Accession Number: PC4183 (02-JUN-2000) | |
| | C727 | GenBank Accession Number: PC4369 (20-JUN-2000) | |
| | C728 | GenBank Accession Number: Q07008 (01-MAR-2002) | |
| | C729 | GenBank Accession Number: Q13304 (16-OCT-2001) | |
| | C730 | GenBank Accession Number: Q63344 (16-OCT-2001) | |
| | C731 | GenBank Accession Number: Q63400 (30-MAY-2000) | |
| | C732 | GenBank Accession Number: Q98907 (16-OCT-2001) | |
| | C733 | GenBank Accession Number: S14113 (02-JUN-2000) | 7-7-1 |
| | C734 | GenBank Accession Number: S18188 (13-AUG-1999) | |
| | C735 | GenBank Accession Number: T46471 (04-FEB-2000) | |
| | C736 | GenBank Accession Number: U06631 (16-MAR-2000) | |
| | C737 | GenBank Accession Number: U08813 (11-MAY-1995) | |
| | C738 | GenBank Accession Number: U19967 (09-NOV-1999) | |

| | | • | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |
|--------------------|------------------|-------------|--|
| | Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| | δ | C739 | GenBank Accession Number: U27193 (08-DEC-1995) |
| 12 My | m | C740 | GenBank Accession Number: U34973 (09-FEB-1996) |
| PATENT & TO | 56.5 | C741 | GenBank Accession Number: U41635 (23-AUG-1996) |
| TE SO | 55 | C742 | GenBank Accession Number: U62316 (18-JUL-1996) |
| PATENTS PROFILE OF | CIF | C743 | GenBank Accession Number: U66837 (01-MAY-2001) |
| · | - | C744 | GenBank Accession Number: U81031 (04-JAN-2002) |
| | | C745 | GenBank Accession Number: U81800 (03-FEB-1998) |
| | | C746 | GenBank Accession Number: U87169 (18-FEB-1997) |
| | - | C747 | GenBank Accession Number: U87627 (24-JUN-1998) |
| | | C748 | GenBank Accession Number: U96386 (06-MAY-1997) |
| | | C749 | GenBank Accession Number: X01677 (23-NOV-1995) |
| | | C750 | GenBank Accession Number: X64978 (17-MAR-1992) |
| | | C751 | GenBank Accession Number: X67318 (30-JUN-1993) |
| | | C752 | GenBank Accession Number: X94744 (25-JUL-1996) |
| | | C753 | GenBank Accession Number: X98283 (05-SEP-1996) |
| | | C754 | GenBank Accession Number: XM_002705 (06-FEB-2002) |
| | | C 755 | GenBank Accession Number: XM_004627 (13-MAY-2002) |
| | | C756 | GenBank Accession Number: XM_009530 (07-FEB-2002) |
| | · | C757 | GenBank Accession Number: XM_010501 (13-MAY-2002) |
| | | C758 | GenBank Accession Number: XM_010849 (13-MAY-2002) |
| | | C759 | GenBank Accession Number: XM_012007 (08-MAY-2002) |
| | | C760 | GenBank Accession Number: XM_017232 (13-MAY-2002) |
| | | C761 | GenBank Accession Number: XM_029072 (13-MAY-2002) |
| | | C762 | GenBank Accession Number: XM_032309 (07-FEB-2002) |
| | | C763 | GenBank Accession Number: XM_033051 (07-FEB-2002) |
| | | C764 | GenBank Accession Number: XM_035465 (13-MAY-2002) |
| | | C 765 | GenBank Accession Number: XM_035636 (13-MAY-2002) |
| | | C766 | GenBank Accession Number: XM_037574 (13-MAY-2002) |
| | | C767 | GenBank Accession Number: XM_038564 (08-MAY-2002) |
| | | C768 | GenBank Accession Number: XM_039106 (13-MAY-2002) |
| | | C769 | GenBank Accession Number: XM_041405 (13-MAY-2002) |
| | | C770 | GenBank Accession Number: XM_043047 (07-FEB-2002) |
| | | C771 | GenBank Accession Number: XM_044738 (10-DEC-2001) |
| | | C772 | GenBank Accession Number: XM_044897 (07-FEB-2002) |
| | | C773 | GenBank Accession Number: XM_045715 (11-DEC-2001) |
| | | C774 | GenBank Accession Number: XM_046543 (10-DEC-2001) |
| | | C775 | GenBank Accession Number: XM_051093 (13-MAY-2002) |
| | | C776 | GenBank Accession Number: XM_053638 (07-FEB-2002) |
| Į | | C777 | GenBank Accession Number: XM_057397 (06-FEB-2002) |

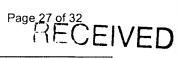
| | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | |
|------------------|---|--|---|
| Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEI |
| 9/2 | C778 | GenBank Accession Number: XM_057458 (06-FEB-2002) | RECE |
| 4 5 | C779 | GenBank Accession Number: XM_057595 (08-MAY-2002) | JUN 1 0 |
| 1 0 S 20 | C780 | GenBank Accession Number: XM_058659 (13-MAY-2002) | TECH CENTER 1 |
| MARK OFFICE | C781 | GenBank Accession Number: XM_059288 (07-FEB-2002) | I LOW OLIVIER |
| ARK OFFICE | C782 | GenBank Accession Number: XM_059571 (13-MAY-2002) | |
| | C783 | GenBank Accession Number: XM_060041 (13-MAY-2002) | |
| | C784 | GenBank Accession Number: XM_060048 (11-DEC-2001) | |
| | C785 | GenBank Accession Number: XM_060307 (06-FEB-2002) | |
| | C786 | GenBank Accession Number: XM_060312 (06-FEB-2002) | |
| | C787 | GenBank Accession Number: XM_060314 (06-FEB-2002) | • |
| | C788 | GenBank Accession Number: XM_060319 (06-FEB-2002) | |
| | C789 | GenBank Accession Number: XM_060558 (06-FEB-2002) | |
| | C790 | GenBank Accession Number: XM_060559 (06-FEB-2002) | |
| | C791 | GenBank Accession Number: XM_060561 (06-FEB-2002) | |
| | C792 | GenBank Accession Number: XM_060567 (06-FEB-2002) | |
| | C793 | GenBank Accession Number: XM_060572 (06-FEB-2002) | *************************************** |
| | C 794 | GenBank Accession Number: XM_060892 (11-DEC-2001) | |
| | C795 | GenBank Accession Number: XM_061101 (13-MAY-2002) | |
| | C796 | GenBank Accession Number: XM_061191 (13-MAY-2002) | |
| | C797 | GenBank Accession Number: XM_061614 (07-FEB-2002) | |
| | C798 | GenBank Accession Number: XM_061618 (07-FEB-2002) | |
| | C799 | GenBank Accession Number: XM_061621 (07-FEB-2002) | |
| | C800 | GenBank Accession Number: XM_061626 (07-FEB-2002) | - |
| | C80° | GenBank Accession Number: XM_061650 (07-FEB-2002) | , |
| | C802 | GenBank Accession Number: XM_061658 (07-FEB-2002) | |
| | C 803 | GenBank Accession Number: XM_061659 (07-FEB-2002) | - |
| | C804 | GenBank Accession Number: XM_061790 (07-FEB-2002) | |
| | C805 | GenBank Accession Number: XM_061794 (07-FEB-2002) | |
| | C 806 | GenBank Accession Number: XM_061808 (07-FEB-2002) | |
| | C807 | GenBank Accession Number: XM_061811 (07-FEB-2002) | |
| | C808 | GenBank Accession Number: XM_061964 (08-MAY-2002) | **** |
| | C809 | GenBank Accession Number: XM_062088 (07-FEB-2002) | |
| | C810 | GenBank Accession Number: XM_062249 (10-DEC-2001) | |
| | C811 | GenBank Accession Number: XM_062286 (07-FEB-2002) | |
| | C812 | GenBank Accession Number: XM_062645 (13-MAY-2002) | |
| | C813 | GenBank Accession Number: XM_062796 (07-FEB-2002) | |
| | C 814 | GenBank Accession Number: XM_063251 (13-MAY-2002) | |
| | C815 | GenBank Accession Number: XM_063782 (13-MAY-2002) | |
| | C816 | GenBank Accession Number: XM_064368 (11-DEC-2001) | <u></u> |
| L | | | |

| Exam | Cite | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Name of Author Title (when appropriate) Publication Volume Page(s) Date Etc. | THE (|
|----------|-------|---|------------|
| Initials | No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | JUN |
| 9/ | C817 | GenBank Accession Number: XM_064778 (07-FEB-2002) | |
| ω | C818 | GenBank Accession Number: XM_065069 (13-MAY-2002) | - ILUITUEN |
| 5 | C819 | GenBank Accession Number: XM_065073 (10-DEC-2001) | |
| | C820 | GenBank Accession Number: XM_065757 (13-MAY-2002) | |
| | C821 | GenBank Accession Number: XM_065865 (06-FEB-2002) | |
| | C822 | GenBank Accession Number: XM_066683 (13-MAY-2002) | · |
| | C823 | GenBank Accession Number: XM_066690 (13-MAY-2002) | |
| | €824 | GenBank Accession Number: XM_066835 (11-DEC-2001) | |
| | C825 | GenBank Accession Number: XM_067503 (13-MAY-2002) | |
| | C826 | GenBank Accession Number: XM_067593 (13-MAY-2002) | |
| | C827 | GenBank Accession Number: XM_068030 (06-FEB-2002) | |
| | C828 | GenBank Accession Number: XM_068031 (06-FEB-2002) | |
| | C829 | GenBank Accession Number: XM_069462 (06-FEB-2002) | |
| | C830 | GenBank Accession Number: XM_070192 (13-MAY-2002) | |
| | C831 | GenBank Accession Number: XM_070402 (13-MAY-2002) | |
| | C832 | GenBank Accession Number: XP_002705 (06-FEB-2002) | |
| | C833 | GenBank Accession Number: XP_004627 (13-MAY-2002) | |
| | C834 | GenBank Accession Number: XP_009530 (07-FEB-2002) | |
| | C835 | GenBank Accession Number: XP_010501 (13-MAY-2002) | , , |
| | C836 | GenBank Accession Number: XP_010849 (13-MAY-2002) | |
| | C837 | GenBank Accession Number: XP_012007 (08-MAY-2002) | |
| | C838 | GenBank Accession Number: XP_017232 (13-MAY-2002) | |
| | C839 | GenBank Accession Number: XP_029072 (13-MAY-2002) | |
| | C840 | GenBank Accession Number: XP_032309 (07-FEB-2002) | |
| - | C841 | GenBank Accession Number: XP_033051 (07-FEB-2002) | - |
| | C842 | GenBank Accession Number: XP_035465 (13-MAY-2002) | |
| | C843 | GenBank Accession Number: XP_035636 (13-MAY-2002) | |
| | C844 | GenBank Accession Number: XP_037574 (13-MAY-2002) | |
| | C845 | GenBank Accession Number: XP_038564 (08-MAY-2002) | |
| | C846 | GenBank Accession Number: XP_039106 (13-MAY-2002) | |
| | C847 | GenBank Accession Number: XP_041405 (13-MAY-2002) | |
| | C848 | GenBank Accession Number: XP_043047 (07-FEB-2002) | |
| | C849 | GenBank Accession Number: XP_044738 (10-DEC-2001) | |
| | C 850 | GenBank Accession Number: XP_044897 (07-FEB-2002) | |
| | C851 | GenBank Accession Number: XP_045715 (11-DEC-2001) | |
| | C852 | GenBank Accession Number: XP_046543 (10-DEC-2001) | |
| | C853 | GenBank Accession Number: XP_051093 (13-MAY-2002) | |
| | C854 | GenBank Accession Number: XP_053638 (07-FEB-2002) | |
| | C 855 | GenBank Accession Number: XP_057397 (06-FEB-2002) | |

| | 1 | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | REOF |
|---------------------|-------------|--|---|
| xam itials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEIV JUN 1 0 20 TECH CENTER 160 |
| / | C856 | GenBank Accession Number: XP_057458 (06-FEB-2002) | JUN 1 0 2 |
| $\overline{\omega}$ | C857 | GenBank Accession Number: XP_057595 (08-MAY-2002) | TECH CENTED |
| 4 | C858 | GenBank Accession Number: XP_058659 (13-MAY-2002) | TEOLI OF MIEH 19 |
| | C859 | GenBank Accession Number: XP_059288 (07-FEB-2002) | |
| | C860 | GenBank Accession Number: XP_059571 (13-MAY-2002) | |
| | C861 | GenBank Accession Number: XP_060041 (13-MAY-2002) | |
| | C862 | GenBank Accession Number: XP_060048 (11-DEC-2001) | |
| | C863 | GenBank Accession Number: XP_060307 (06-FEB-2002) | |
| | C864 | GenBank Accession Number: XP_060312 (06-FEB-2002) | |
| | C865 | GenBank Accession Number: XP_060314 (06-FEB-2002) | |
| | C866 | GenBank Accession Number: XP_060319 (06-FEB-2002) | |
| | C867 | GenBank Accession Number: XP_060558 (06-FEB-2002) | |
| | C868 | GenBank Accession Number: XP_060559 (06-FEB-2002) | |
| - | C869 | GenBank Accession Number: XP_060561 (06-FEB-2002) | |
| | C870 | GenBank Accession Number: XP_060567 (06-FEB-2002) | |
| | C:871 | GenBank Accession Number: XP_060572 (06-FEB-2002) | |
| | C872 | GenBank Accession Number: XP_060892 (11-DEC-2001) | |
| | C873 | GenBank Accession Number: XP_061101 (13-MAY-2002) | |
| | C874 | GenBank Accession Number: XP_061191 (13-MAY-2002) | |
| | C875 | GenBank Accession Number: XP_061614 (07-FEB-2002) | |
| | C876 | GenBank Accession Number: XP_061618 (07-FEB-2002) | |
| | C877 | GenBank Accession Number: XP_061621 (07-FEB-2002) | |
| | C878 | GenBank Accession Number: XP_061626 (07-FEB-2002) | |
| | C879 | GenBank Accession Number: XP_061650 (07-FEB-2002) | |
| | C880 | GenBank Accession Number: XP_061658 (07-FEB-2002) | |
| | C881 | GenBank Accession Number: XP_061659 (07-FEB-2002) | |
| | C882 | GenBank Accession Number: XP_061790 (07-FEB-2002) | |
| | C883 | GenBank Accession Number: XP_061794 (07-FEB-2002) | |
| | C 884 | GenBank Accession Number: XP_061808 (07-FEB-2002) | |
| | C885 | GenBank Accession Number: XP_061811 (07-FEB-2002) | |
| | C886 | GenBank Accession Number: XP_061964 (07-FEB-2002) | |
| | C 887 | GenBank Accession Number: XP_062088 (07-FEB-2002) | |
| | C888 | GenBank Accession Number: XP_062249 (10-DEC-2001) | |
| | C889 | GenBank Accession Number: XP_062286 (07-FEB-2002) | |
| | C890 | GenBank Accession Number: XP_062645 (13-MAY-2002) | |
| | C891 | GenBank Accession Number: XP_062796 (07-FEB-2002) | |
| | C892 | GenBank Accession Number: XP_063315 (13-MAY-2002) | |
| | C893 | GenBank Accession Number: XP_063782 (13-MAY-2002) | |
| | C894 | GenBank Accession Number: XP_063782 (13-MAY-2002) | |

| Exam | Cite | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |
|----------------|-------|---|
| nitials | No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| \ - | C895 | GenBank Accession Number: XP_064368 (11-DEC-2001) |
| m | C896 | GenBank Accession Number: XP_064778 (07-FEB-2002) |
| . 1 | C897 | GenBank Accession Number: XP_064778 (07-FEB-2002) GenBank Accession Number: XP_065069 (13-MAY-2002) TECH CENTER 1600 |
| 2 5 | C898 | GenBank Accession Number: XP_065073 (10-DEC-2001) |
| - C. | C899 | GenBank Accession Number: XP_065757 (13-MAY-2002) |
| CILLE | C900 | GenBank Accession Number: XP_065865 (06-FEB-2002) |
| | C901 | GenBank Accession Number: XP_066683 (13-MAY-2002) |
| | C902 | GenBank Accession Number: XP_066690 (13-MAY-2002) |
| | C903 | GenBank Accession Number: XP_066835 (11-DEC-2001) |
| | C904 | GenBank Accession Number: XP_067503 (13-MAY-2002) |
| | C905 | GenBank Accession Number: XP_067593 (13-MAY-2002) |
| | C906 | GenBank Accession Number: XP_068030 (06-FEB-2002) |
| | C907 | GenBank Accession Number: XP_068031 (06-FEB-2002) |
| | C908 | GenBank Accession Number: XP_069462 (06-FEB-2002) |
| | C909 | GenBank Accession Number: XP_070192 (13-MAY-2002) |
| | C910 | GenBank Accession Number: XP_070402 (13-MAY-2002) |
| | C911 | GenBank Accession Number: Y10375 (14-MAY-1997) |
| | C912 | GenBank Accession Number: Y11045 (24-FEB-1998) |
| | C913 | GenBank Accession Number: Y11047 (24-FEB-1998) |
| | C914 | GenBank Accession Number: Y17462 (03-JUN-1999) |
| | C915 | GenBank Accession Number: Z49747 (26-JUN-1997) |
| | C916 | GenBank Accession Number: Z68274 (23-NOV-1999) |
| _ | C917 | GenBank Accession Number: Z83313 (23-NOV-1999) |
| | C918 | GenBank Accession Number: Z94155 (27-AUG-1998) |
| . <u>.</u> | C919 | Gilad, Y., D. Segre, et al. (2000). "Dichotomy of single-nucleotide polymorphism haplotypes in olfactory receptor genes and pseudogenes." Nat Genet 26(2): 221-4. |
| | C920 | Glesne, D., F. Collart, et al. (1993). "Chromosomal localization and structure of the human type II IMP dehydrogenase gene (IMPDH2)." Genomics 16(1): 274-7. |
| | C921 | Glusman, G., S. Clifton, et al. (1996). "Sequence analysis in the olfactory receptor gene cluster on human chromosome 17: recombinatorial events affecting receptor diversity." Genomics 37(2): 147-60. |
| | C922 | Gray, P. W., D. Glaister, et al. (1986). "Two interleukin 1 genes in the mouse: cloning and expression of the cDNA for murine interleukin 1 beta." J Immunol 137(11): 3644-8. |
| | C923 | Haefliger, J. A., R. Bruzzone, et al. (1992). "Four novel members of the connexin family of gap junction proteins. Molecular cloning, expression, and chromosome mapping." J Biol Chem 267(3): 2057-64. |
| | C-924 | Halestrap, A. P. and N. T. Price (1999). "The proton-linked monocarboxylate transporter (MCT) family: structure, function and regulation." Biochem J 343 Pt 2: 281-99. |
| | C925 | Hennet, T., A. Dinter, et al. (1998). "Genomic cloning and expression of three murine UDP-galactose: beta-N- acetylglucosamine beta1,3-galactosyltransferase genes." J Biol Chem 273(1): 58-65. |
| | C 926 | Hogquist, K. A., M. A. Nett, et al. (1991). "Interleukin 1 is processed and released during apoptosis." Proc Natl Acad Sci U S A 88(19): 8485-9. |

| | , | | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |
|---------|-------------|-------------|--|
| | am tials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |
| | | C927 | Honey, N. K., A. Y. Sakaguchi, et al. (1984). "Chromosomal assignments of human genes for serine proteases trypsin, chymotrypsin B, and elastase." Somat Cell Mol Genet 10(4): 369-76. |
| | ارة | C 928 | Honey, N. K., A. Y. Sakaguchi, et al. (1986). "Assignment of the gene for carboxypeptidase A to human chromosome 7q22qter and to mouse chromosome 6." Hum Genet 72(1): 27-31. |
| MOTE OF | | C929 | Hopkinson, D. A., J. Peters, et al. (1974). "Rare electrophoretic variants of glycerol-3-phosphate dehydrogenase evidence for two structural gene loci (GPD1 and GPD2)." Ann Hum Genet 37(4): 477-84. |
| | | C930 | Hort, Y., E. Baker, et al. (1995). "Gene duplication of the human peptide YY gene (PYY) generated the pancreatic polypeptide gene (PPY) on chromosome 17q21.1." Genomics 26(1): 77-83. |
| | | C931 | Hsieh, C. L., N. M. Kumar, et al. (1991). "Distribution of genes for gap junction membrane channel proteins on human and mouse chromosomes." Somat Cell Mol Genet 17(2): 191-200. |
| | | C932 | Hurwitz, A., J. Loukides, et al. (1992). "Human intraovarian interleukin-1 (IL-1) system: highly compartmentalized and hormonally dependent regulation of the genes encoding IL-1, its receptor, and its receptor antagonist." J Clin Invest 89(6): 1746-54. |
| | | C933 | Inagaki, K., T. Yamao, et al. (2000). "SHPS-1 regulates integrin-mediated cytoskeletal reorganizatio and cell motility" Embo J 19(24): 6721-31. |
| | | C934 | Issel-Tarver, L. and J. Rine (1996). "Organization and expression of canine olfactory receptor genes Proc Natl Acad Sci U S A 93(20): 10897-902. |
| | | C935 | Issel-Tarver, L. and J. Rine (1997). "The evolution of mammalian olfactory receptor genes." Genetic 145(1): 185-95. |
| | | C936 | Jentsch, T. J., T. Friedrich, et al. (1999). "The CLC chloride channel family." Pflugers Arch 437(6): 783-95. |
| | | C937 | Joutel, A. and E. Tournier-Lasserve (1998). "Notch signalling pathway and human diseases." Semin Cell Dev Biol 9(6): 619-25. |
| | | C938 | Kahne, T., U. Lendeckel, et al. (1999). "Dipeptidyl peptidase IV: a cell surface peptidase involved in regulating T cell growth (review)." Int J Mol Med 4(1): 3-15. |
| | | C939 | Kelley, P. M., D. J. Harris, et al. (1998). "Novel mutations in the connexin 26 gene (GJB2) that cause autosomal recessive (DFNB1) hearing loss." Am J Hum Genet 62(4): 792-9. |
| | | C940 | Kelsell, D. P. and N. K. Spurr (1997). "Gene mapping using somatic cell hybrids." Methods Mol Biol 68: 45-52. |
| | | C941 | Kern, L., J. de Montigny, et al. (1990). "The FUR1 gene of Saccharomyces cerevisiae: cloning, structure and expression of wild-type and mutant alleles." Gene 88(2): 149-57. |
| | | C942 | Kern, L., J. de Montigny, et al. (1991). "Regulation of the pyrimidine salvage pathway by the FUR1 gene product of Saccharomyces cerevisiae." Curr Genet 19(5): 333-7. |
| | | C943 | Kielty, C. M., S. Povey, et al. (1982). "Regulation of expression of liver-specific enzymes. III. Further analysis of a series of rat hepatoma X human somatic cell hybrids." Ann Hum Genet 46(4): 307-27. |
| | | C944 | Kikuta, Y., E. Kusunose, et al. (1993). "A novel form of cytochrome P-450 family 4 in human polymorphonuclear leukocytes. cDNA cloning and expression of leukotriene B4 omega- hydroxylase J Biol Chem 268(13): 9376-80. |
| | | C945 | Kikuta, Y., M. Kato, et al. (1998). "Human leukotriene B4 omega-hydroxylase (CYP4F3) gene: molecular cloning and chromosomal localization." DNA Cell Biol 17(3): 221-30. |
| | | C946 | Kimura, Y., M. Nakazawa, et al. (1998). "Cloning and characterization of three isoforms of OS-9 cDN and expression of the OS-9 gene in various human tumor cell lines." J Biochem (Tokyo) 123(5): 876 82. |
| | | C947 | Kolbinger, F., M. B. Streiff, et al. (1998). "Cloning of a human UDP-galactose:2-acetamido-2-deoxy-glucose 3beta- galactosyltransferase catalyzing the formation of type 1 chains." J Biol Chem 273(1) 433-40. |
| | | C948 | Kornman, K. S., A. Crane, et al. (1997). "The interleukin-1 genotype as a severity factor in adult periodontal disease." J Clin Periodontol 24(1): 72-7. |



| | | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS JUN 1 | |
|------------------|-------------|---|-----|
| Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | : p |
| $\overline{}$ | C949 | Kudo, T., K. Ikeda, et al. (2000). "Novel mutations in the connexin 26 gene (GJB2) responsible for childhood deafness in the Japanese population." Am J Med Genet 90(2): 141-5. | |
| m) | C950 | Lafage, M., N. Maroc, et al. (1989). "The human interleukin-1 alpha gene is located on the long arm chromosome 2 at band q13." Blood 73(1): 104-7. | of |
| | C951 | Leiter, A. B., A. Toder, et al. (1987). "Peptide YY. Structure of the precursor and expression in exocrine pancreas." J Biol Chem 262(27): 12984-8. | |
| JE J | C952 | Lench, N., M. Houseman, et al. (1998). "Connexin-26 mutations in sporadic non-syndromal sensorineural deafness." Lancet 351(9100): 415. | |
| | C 953 | Lin, W. J., J. D. Gary, et al. (1996). "The mammalian immediate-early TIS21 protein and the leukemia-associated BTG1 protein interact with a protein-arginine N-methyltransferase." J Biol Chem 271(25): 15034-44. | 1 |
| | C954 | Lord, P. C., L. M. Wilmoth, et al. (1991). "Expression of interleukin-1 alpha and beta genes by human blood polymorphonuclear leukocytes." J Clin Invest 87(4): 1312-21. | ו |
| | C955 | Lu, F. M. and S. E. Lux (1996). "Constitutively active human Notch1 binds to the transcription factor CBF1 and stimulates transcription through a promoter containing a CBF1- responsive element." Proc Natl Acad Sci U S A 93(11): 5663-7. | 3 |
| | C956 | Luban, J., K. L. Bossolt, et al. (1993). "Human immunodeficiency virus type 1 Gag protein binds to cyclophilins A and B." Cell 73(6): 1067-78. | |
| | C 957 | Lux, A., C. J. Gallione, et al. (2000). "Expression analysis of endoglin missense and truncation mutations: insights into protein structure and disease mechanisms." Hum Mol Genet 9(5): 745-55. | |
| | C958 | Lyu, M. S., D. J. Park, et al. (1996). "Genetic mapping of the human and mouse phospholipase C genes." Mamm Genome 7(7): 501-4. | |
| | C959 | Ma, X., M. Labinaz, et al. (2000). "Endoglin is overexpressed after arterial injury and is required for transforming growth factor-beta-induced inhibition of smooth muscle cell migration." Arterioscler Thromb Vasc Biol 20(12): 2546-52. | |
| | C960 | Machida, K., S. Matsuda, et al. (2000). "v-Src suppresses SHPS-1 expression via the Ras-MAP kinase pathway to promote the oncogenic growth of cells." Oncogene 19(13): 1710-8. | |
| | C961 | MacKinnon, P. J., B. C. Powell, et al. (1990). "Structure and expression of genes for a class of cysteine-rich proteins of the cuticle layers of differentiating wool and hair follicles." J Cell Biol 111(6 F 1): 2587-600. | ²t |
| | C962 | Maloney, D. G., K. Donovan, et al. (1999). "Antibody therapy for treatment of multiple myeloma." Semin Hematol 36(1 Suppl 3): 30-3. | |
| | C963 | Martell, K. J., T. Angelotti, et al. (1998). "The "VH1-like" dual-specificity protein tyrosine phosphatases." Mol Cells 8(1): 2-11. | |
| | C964 | Martin, G. A., G. Bollag, et al. (1995). "A novel serine kinase activated by rac1/CDC42Hs-dependent autophosphorylation is related to PAK65 and STE20." Embo J 14(9). 1970-8. | |
| | C965 | Martin-Blanco, E., A. Gampel, et al. (1998). "puckered encodes a phosphatase that mediates a feedback loop regulating JNK activity during dorsal closure in Drosophila." Genes Dev 12(4): 557-70 | |
| | C966 | Matsumura, Y., S. Uchida, et al. (1999). "Overt nephrogenic diabetes insipidus in mice lacking the CLC-K1 chloride channel." Nat Genet 21(1): 95-8. | |
| | C967 | Mignon, C., C. Fromaget, et al. (1996). "Assignment of connexin 26 (GJB2) and 46 (GJA3) genes to human chromosome 13q11>q12 and mouse chromosome 14D1-E1 by in situ hybridization." Cytogenet Cell Genet 72(2-3): 185-6. | |
| | C968 | Modi, W. S., A. Masuda, et al. (1988). "Chromosomal localization of the human interleukin 1 alpha (IL-1 alpha) gene." Genomics 2(4): 310-4. | |
| | C969 | Mombaerts, P. (1999). "Molecular biology of odorant receptors in vertebrates." Annu Rev Neurosci 2: 487-509. | 2: |
| | C970 | Murgia, A., E. Orzan, et al. (1999). "Cx26 deafness: mutation analysis and clinical variability." J Med Genet 36(11): 829-32. | |

2002 1600/2900

| e of [| | June 5, 2002 OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | | | | | | | |
|--------------|-------------|---|--|--|--|--|--|--|--|
| | | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | | | | | |
| am itials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | | | | | | | |
| \ | C 971 | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. Nakamura, K., H. Shima, et al. (1999). "Molecular cloning and characterization of a novel dual-specificity protein phosphatase possibly involved in spermatogenesis." Biochem J 344 Pt 3: 819-25. | | | | | | | |
| n | C972 | Nance, W. E., X. Z. Liu, et al. (2000). "Relation between choice of partner and high frequency of connexin-26 deafness." Lancet 356(9228): 500-1. | | | | | | | |
| 1 | C 973 | Natsumeda, Y., S. Ohno, et al. (1990). "Two distinct cDNAs for human IMP dehydrogenase." J Biol Chem 265(9): 5292-5. | | | | | | | |
| | C 974 | Nawano, M., A. Oku, et al. (2000). "Hyperglycemia contributes insulin resistance in hepatic and adipose tissue but not skeletal muscle of ZDF rats." Am J Physiol Endocrinol Metab 278(3): E535-43. | | | | | | | |
| | C975 | Nekrasova, E., A. Sosinskaya, et al. (1996). "Overexpression, solubilization and purification of rat and human olfactory receptors." Eur J Biochem 238(1): 28-37. | | | | | | | |
| | C976 | Nicklin, M. J., A. Weith, et al. (1994). "A physical map of the region encompassing the human interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist genes." Genomics 19(2): 382-4. | | | | | | | |
| | C.977 | Nishizawa, T., T. Nagao, et al. (2000). "Molecular cloning and characterization of a novel chloride intracellular channel-related protein, parchorin, expressed in water- secreting cells." J Biol Chem 275(15): 11164-73. | | | | | | | |
| | C978 | Numata, M., K. Petrecca, et al. (1998). "Identification of a mitochondrial Na+/H+ exchanger." J Biol Chem 273(12): 6951-9. | | | | | | | |
| | C979 | Ochi, F., T. Matozaki, et al. (1997). "Epidermal growth factor stimulates the tyrosine phosphorylation of SHPS-1 and association of SHPS-1 with SHP-2, a SH2 domain-containing protein tyrosine phosphatase." Biochem Biophys Res Commun 239(2): 483-7. | | | | | | | |
| | C980 | Oku, A., K. Ueta, et al. (2000). "Antihyperglycemic effect of T-1095 via inhibition of renal Na+-glucose cotransporters in streptozotocin-induced diabetic rats." Biol Pharm Bull 23(12): 1434-7. | | | | | | | |
| | C981 | Oldenborg, P. A., A. Zheleznyak, et al. (2000). "Role of CD47 as a marker of self on red blood cells." Science 288(5473): 2051-4. | | | | | | | |
| | C982 | Owman, C., C. Nilsson, et al. (1996). "Cloning of cDNA encoding a putative chemoattractant receptor." Genomics 37(2): 187-94. | | | | | | | |
| | C983 | Pajor, A. M. (1994). "Sequence of a putative transporter from rabbit kidney related to the Na+/glucose cotransporter gene family." Biochim Biophys Acta 1194(2): 349-51. | | | | | | | |
| | C984 | Prakash, S. K., I. B. Van den Veyver, et al. (1999). "Characterization of a novel chromo domain gene in xp22.3 with homology to Drosophila msl-3." Genomics 59(1): 77-84. | | | | | | | |
| | C985 | Rabionet, R., L. Zelante, et al. (2000). "Molecular basis of childhood deafness resulting from mutations in the GJB2 (connexin 26) gene." Hum Genet 106(1): 40-4. | | | | | | | |
| | C986 | Renne, T., J. Dedio, et al. (2000). "High molecular weight kininogen utilizes heparan sulfate proteoglycans for accumulation on endothelial cells." J Biol Chem 275(43): 33688-96. | | | | | | | |
| | C987 | Robertson, K. D., S. Ait-Si-Ali, et al. (2000). "DNMT1 forms a complex with Rb, E2F1 and HDAC1 and represses transcription from E2F-responsive promoters." Nat Genet 25(3): 338-42. | | | | | | | |
| | C988 | Rountree, M. R., K. E. Bachman, et al. (2000). "DNMT1 binds HDAC2 and a new co-repressor, DMAP1, to form a complex at replication foci." Nat Genet 25(3): 269-77. | | | | | | | |
| | C989 | Rouquier, S., C. Friedman, et al. (1998). "A gene recently inactivated in human defines a new olfactory receptor family in mammals." Hum Mol Genet 7(9): 1337-45. | | | | | | | |
| | C 990 | Rouquier, S., S. Taviaux, et al. (1998). "Distribution of olfactory receptor genes in the human genome." Nat Genet 18(3): 243-50. | | | | | | | |
| | C991 | Sabatino, R. D., T. W. Myers, et al. (1988). "Calf thymus DNA polymerases alpha and delta are capable of highly processive DNA synthesis." Biochemistry 27(8): 2998-3004. | | | | | | | |
| | C992 | Samuelsson, B., S. E. Dahlen, et al. (1987). "Leukotrienes and lipoxins: structures, biosynthesis, and biological effects." Science 237(4819): 1171-6. | | | | | | | |
| 7404- | C993 | Sanderson, R. D., P. Lalor, et al. (1989). "B lymphocytes express and lose syndecan at specific | | | | | | | |

Page 29 of 32 CEIVED

| | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS JUN 1 | | | | | | |
|-----------------|---|--|--|--|--|--|--|
| Exam nitials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | | | | | |
| | | stages of differentiation." Cell Regul 1(1): 27-35. | | | | | |
| m m | C994 | Schmitt, J., G. Hotten, et al. (1996). "Structure, chromosomal localization, and expression analysis of the mouse inhibin/activin beta C (Inhbc) gene." Genomics 32(3): 358-66. | | | | | |
| | C995 | Schurmans, S., F. Muscatelli, et al. (1993). "The OLFR1 gene encoding the HGMP07E putative olfactory receptor maps to the 17p13>p12 region of the human genome and reveals an Mspl restriction fragment length polymorphism." Cytogenet Cell Genet 63(3): 200-4. | | | | | |
| | C996 | Scott, H. S., S. E. Antonarakis, et al. (1998). "Identification and characterization of two putative human arginine methyltransferases (HRMT1L1 and HRMT1L2)." Genomics 48(3): 330-40. | | | | | |
| | C997 | Seugnet, L., P. Simpson, et al. (1997). "Requirement for dynamin during Notch signaling in Drosophila neurogenesis." Dev Biol 192(2): 585-98. | | | | | |
| | C998 | Shimohama, S., S. Kamiya, et al. (1998). "Mutation in the pleckstrin homology domain of the humar phospholipase C- delta 1 gene is associated with loss of function." Biochem Biophys Res Commun 245(3): 722-8. | | | | | |
| | C999 | Silver, A. R., W. K. Masson, et al. (1990). "The IL-1 alpha and beta genes are closely linked (less than 70 kb) on mouse chromosome 2." Somat Cell Mol Genet 16(6): 549-56. | | | | | |
| | C1000 | Sobe, T., S. Vreugde, et al. (2000). "The prevalence and expression of inherited connexin 26 mutations associated with nonsyndromic hearing loss in the Israeli population." Hum Genet 106(1): 50-7. | | | | | |
| | C1001 | Somers, G. R., F. Hammet, et al. (1997). "Chromosomal localization of the human P2y6 purinoceptor gene and phylogenetic analysis of the P2y purinoceptor family." Genomics 44(1): 127-30. | | | | | |
| | C1002 | Stocker, A., S. Zimmer, et al. (1999). "Identification of a novel cytosolic tocopherol-binding protein: structure, specificity, and tissue distribution." IUBMB Life 48(1): 49-55. | | | | | |
| | C1003 | Struhl, G. and A. Adachi (1998). "Nuclear access and action of notch in vivo." Cell 93(4): 649-60. | | | | | |
| | C 1004 | Su, H. Y., J. G. Hickford, et al. (1999). "Increased vibrissa growth in transgenic mice expressing insulin-like growth factor 1." J Invest Dermatol 112(2): 245-8. | | | | | |
| | C 1005 | Su, Y. A., C. M. Hutter, et al. (1996). "Complete sequence analysis of a gene (OS-9) ubiquitously expressed in human tissues and amplified in sarcomas." Mol Carcinog 15(4): 270-5. | | | | | |
| | C 1006 | Sullivan, B. A., L. S. Jenkins, et al. (1996). "Evidence for structural heterogeneity from molecular cytogenetic analysis of dicentric Robertsonian translocations." Am J Hum Genet 59(1): 167-75. | | | | | |
| | C 1007 | SWALL Accession Number: P78324 (1-NOV-1998) | | | | | |
| | C1008 | SWALL Accession Number: O35184 (1-JAN-1998) | | | | | |
| | C1009 | SWALL Accession Number: 073733 (1-AUG-1998) | | | | | |
| - | C 1010 | SWALL Accession Number: 076091 (1-NOV-1998) | | | | | |
| | C1011 | SWALL Accession Number: O95224 (16-OCT-2001) | | | | | |
| - | C1012 | SWALL Accession Number: O96899 (1-MAY-1999) | | | | | |
| | C1013 | SWALL Accession Number: Q02739 (1-FEB-1994) | | | | | |
| | C 1014 | SWALL Accession Number: Q08477 (1-FEB-1995) | | | | | |
| | C 1015 | SWALL Accession Number: Q12839 (1-NOV-1996) | | | | | |
| | C 1016 | SWALL Accession Number: Q13177 (1-NOV-1997) | | | | | |
| | C1017 | SWALL Accession Number: Q13438 (15-JUL-1998) | | | | | |
| | C 1018 | SWALL Accession Number: Q13607 (1-NOV-1997) | | | | | |
| | C 1019 | SWALL Accession Number: Q15394 (1-NOV-1996) | | | | | |
| | C1020 | SWALL Accession Number: Q28610 (1-NOV-1996) | | | | | |
| | C1021 | SWALL Accession Number: Q29502 (1-NOV-1997) | | | | | |

0 2002 1600/**2900**

| Evam | Cite | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | DEOE |
|------------------|--------|--|------------------|
| Exam Initials | No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. | RECEIVE |
| | C1022 | SWALL Accession Number: Q60450 (1-NOV-1996) | JUN 1 a anab |
| | C1023 | SWALL Accession Number: Q60970 (1-NOV-1996) | |
| | C1024 | SWALL Accession Number: Q63344 (1-NOV-1997) | TECH CENTER 1600 |
| 70 | C1025 | SWALL Accession Number: Q92581 (30-MAY-2000) | |
| THE STATE OF | C1026 | SWALL Accession Number: Q92619 (1-FEB-1997) | |
| S | C1027 | SWALL Accession Number: Q95156 (1-NOV-1997) | |
| | C1028 | SWALL Accession Number: Q9BY84 (1-MAR-2002) | |
| | C1029 | SWALL Accession Number: Q9CSD6 (1-JUN-2001) | |
| | C1030 | SWALL Accession Number: Q9D3U9 (1-JUN-2001) | |
| | C1031 | SWALL Accession Number: Q9D7U6 (1-JUN-2001) | |
| | C1032 | SWALL Accession Number: Q9EQB8 (1-MAR-2001) | |
| | C1033 | SWALL Accession Number: Q9H207 (16-OCT-2001) | |
| | C1034 | SWALL Accession Number: Q9H210 (16-OCT-2001) | |
| | C 1035 | SWALL Accession Number: Q9JKA6 (1-OCT-2000) | |
| | C1036 | SWALL Accession Number: Q9JL98 (1-OCT-2000) | |
| | C1037 | SWALL Accession Number: Q9M3V1 (1-OCT-2000) | |
| | C1038 | SWALL Accession Number: Q9N2G5 (1-OCT-2000) | |
| | C1039 | SWALL Accession Number: Q9NGL1 (1-OCT-2000) | |
| | C1040 | SWALL Accession Number: Q9NPF5 (1-MAR-2002) | |
| | C 1041 | SWALL Accession Number: Q9NR99 (1-OCT-2000) | |
| | C 1042 | SWALL Accession Number: Q9NRW4 (1-OCT-2000) | |
| | C1043 | SWALL Accession Number: Q9NT76 (1-OCT-2000) | |
| | C1044 | SWALL Accession Number: Q9NVR8 (1-MAR-2002) | |
| | C1045 | SWALL Accession Number: Q9NY19 (1-OCT-1989) | |
| | C1046 | SWALL Accession Number: Q9P2C3 (1-OCT-2000) | |
| | C 1047 | SWALL Accession Number: Q9QYJ7 (1-MAR-2002) | |
| | C1048 | SWALL Accession Number: Q9QYK4 (1-MAY-2000) | |
| | C1049 | SWALL Accession Number: Q9QZ74 (1-MAY-2000) | |
| | C 1050 | SWALL Accession Number: Q9R0G5 (1-MAY-2000) | |
| | C 1051 | SWALL Accession Number: Q9R0K2 (1-MAY-2000) | |
| | C1052 | SWALL Accession Number: Q9UBE2 (16-OCT-2001) | |
| | C1053 | SWALL Accession Number: Q9UDX3 (1-MAY-2000) | |
| | C 1054 | SWALL Accession Number: Q9UEU5 (1-MAY-2000) | |
| | C1055 | SWALL Accession Number: Q9UGF5 (16-OCT-2001) | |
| | C 1056 | SWALL Accession Number: Q9UHA7 (1-MAY-2000) | |
| | C1067 | SWALL Accession Number: Q9UII6 (1-MAR-2002) | |
| | C1058 | SWALL Accession Number: Q9UL52 (16-OCT-2001) | |
| | C 1059 | SWALL Accession Number: Q9UP60 (1-MAY-2000) | |
| | C 1060 | SWALL Accession Number: Q9VRQ1 (1-MAY-2000) | |

| | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | | | |
|-----|---|-------------|---|--|--|--|
| | Exam Initials | Cite No. | Name of Author, Title (when appropriate), Publication, Volume. Page(s), Date, Etc. | | | |
| _ | | C1061 | SWALL Accession Number: Q9W6U2 (1-NOV-1999) | | | |
| Ì | 0 | C1062 | SWALL Accession Number: Q9WTS5 (1-NOV-1999) | | | |
| Ì | TO | C1063 | SWALL Accession Number: Q9WU86 (1-NOV-1999) | | | |
| | rîrî. | C1064 | SWALL Accession Number: Q9WUW8 (16-OCT-2001) | | | |
| 졓 | 5 5 | C 1065 | SWALL Accession Number: Q9WVN4 (1-NOV-1999) | | | |
| ٠٤. | | C1066 | SWALL Accession Number: Q9XSD9 (30-MAY-2000) | | | |
| - | | C 1067 | SWALL Accession Number: Q9Y3N9 (16-OCT-2001) | | | |
| Ì | | C1068 | SWALL Accession Number: Q9Y5X5 (16-OCT-2001) | | | |
| l | | C1069 | SWALL Accession Number: Q9Y5Y6 (16-OCT-2001) | | | |
| | - | C1070 | SWALL Accession Number: Q9Y5Z8 (1-NOV-1999) | | | |
| Ì | , | C1071 | SWALL Accession Number: Q9Y696 (30-MAY-2000) | | | |
| Ì | | C1072 | SWALL Accession Number: Q9Z262 (30-MAY-2000) | | | |
| Ì | | C1073 | SWALL Accession Number: Q9Z2G7 (1-MAY-1999) | | | |
| | | C1074 | Timms, J. F., K. D. Swanson, et al. (1999). "SHPS-1 is a scaffold for assembling distinct adhesion-regulated multi- protein complexes in macrophages." Curr Biol 9(16): 927-30. | | | |
| | | C 1075 | Toure, A., O. Dorseuil, et al. (1998). "MgcRacGAP, a new human GTPase-activating protein for Rac and Cdc42 similar to Drosophila rotundRacGAP gene product, is expressed in male germ cells." J Biol Chem 273(11): 6019-23. | | | |
| | | C1076 | Trask, B. J., C. Friedman, et al. (1998). "Members of the olfactory receptor gene family are contained in large blocks of DNA duplicated polymorphically near the ends of human chromosomes." Hum Mol Genet 7(1): 13-26. | | | |
| | | C 1077 | Urushidani, T., D. Chow, et al. (1999). "Redistribution of a 120 kDa phosphoprotein in the parietal cell associated with stimulation." J Membr Biol 168(3): 209-20. | | | |
| | | C1078 | Veillette, A., E. Thibaudeau, et al. (1998). "High expression of inhibitory receptor SHPS-1 and its association with protein-tyrosine phosphatase SHP-1 in macrophages." J Biol Chem 273(35): 22719-28. | | | |
| | | C1079 | Vernon-Wilson, E. F., W. J. Kee, et al. (2000). "CD47 is a ligand for rat macrophage membrane signal regulatory protein SIRP (OX41) and human SIRPalpha 1." Eur J Immunol 30(8): 2130-7. | | | |
| | | C1080 | Wesley, C. S. (1999). "Notch and wingless regulate expression of cuticle patterning genes." Mol Cell Biol 19(8): 5743-58. | | | |
| | | C1081 | Wilcox, S. A., K. Saunders, et al. (2000). "High frequency hearing loss correlated with mutations in the GJB2 gene." Hum Genet 106(4): 399-405 | | | |
| | | C1082 | Willecke, K., S. Jungbluth, et al. (1990). "Six genes of the human connexin gene family coding for gap junctional proteins are assigned to four different human chromosomes." Eur J Cell Biol 53(2): 275-80. | | | |
| | | C1083 | Wong, S. H., L. Hamel, et al. (2000). "Endoglin expression on human microvascular endothelial cells association with betaglycan and formation of higher order complexes with TGF-beta signaling receptors." Eur J Biochem 267(17): 5550-60. | | | |
| | | C1084 | Wootton, J. C. and S. Federhen (1996). "Analysis of compositionally biased regions in sequence databases." Methods Enzymol 266: 554-71. | | | |
| | | C1085 | Yang, Q., Y. Tian, et al. (2000). "Expression characteristics and relevance of sodium glucose cotransporter-1 in mammalian renal tubulogenesis." Am J Physiol Renal Physiol 279(4): F765-77. | | | |
| | | C1086 | Yokomizo, T., T. Izumi, et al. (1997). "A G-protein-coupled receptor for leukotriene B4 that mediates chemotaxis." Nature 387(6633): 620-4. | | | |
| | | C1087 | Yuvaniyama, J., J. M. Denu, et al. (1996). "Crystal structure of the dual specificity protein phosphatase VHR." Science 272(5266): 1328-31. | | | |

Express Mail No. EV0749785360

Date of Deposit: June 5, 2002

Cite No.

C1088

C1089

C1090

Exam

itials



TECH CENTER 1600/2900 OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. Zhao, H., L. Ivic, et al. (1998). "Functional expression of a mammalian odorant receptor." Science 279(5348): 237-42. Zimmer, S., A. Stocker, et al. (2000). "A novel human tocopherol-associated protein: cloning, in vitro expression, and characterization." J Biol Chem 275(33): 25672-80. Zimmermann, K., S. Hoischen, et al. (1995). "Genomic sequences and structural organization of the

| * a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, | | | | | |
|---|---------|--|--|--|--|
| Serial No. | , filed | , and relied upon for an earlier filing date under | | | |
| 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications). | | | | | |

human nidogen gene (NID)." Genomics 27(2): 245-50.

| Examiner Signature | Date Considered | |
|-----------------------|--------------------|---|
| | | 1 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

TRA 1673561v1